

App. F. IX-4

Previous References.

✓
1948-49
(Eel)

File No. / 39-46

Serial Nos. 1, 2,
4, 5, 6, 7, 8, 9,
10, 11, 12, 13, 14, 15.

Later References.

Eel. 62-51-(72, 77, 96, 113)

GENERAL AND REVENUE SECRETARIAT

Serial Nos. Fourteen only)

Part B for December 1948.

SUBJECT

Development of Electricity below the Mekadatu
Falls in the Cauvery Valley.

Recorded "

R. P. Padmanabha Rao

P.D.

Letter No. 12160 dated the 28th Nov. 1944 from the Chief Electrical Engineer.

Requests that permission of the Madras Govt. may be obtained and communicated extending surveys on both the banks of the Gannery River in Salem and Coimbatore District.

R) 1) Such a permission was accorded by the Residency in 1924. Submitted for orders.

2) Madras Govt. may be informed that the Residency is intending to take up the construction of the survey to which Madras has given its consent and to request them to communicate their assent ready, as the survey is proposed to be taken up in January 1945.

G 13/1/44

3) Permission for surveys had been accorded by Madras in 1924. The survey are now being taken up. The Dewan need not get up the subject. Res. may be informed for obtaining permission now.

KW 30/1/44

G 16/12/44

13.12.44

6) KW 18.12.44

7) Submitted with a draft letter to the Residency for approval.

8) Issue

G 19/2/45

9) KW 19/2/45

NO 4008

Dissemination of electricity below the Heradatu
falls in the Banwary Valley

Continuation Sheet.

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of

Page

D. No 1527

Issued in M.E.S. 1815-16 D. 20/12/44.

Letter No. 17216 dated the 19th January 1945
from the Chief Electrical Engineer.

Submits for sanction an estimate for
Rs 15,680/- for conducting detailed surveys
and preparation of the project estimate for
the above work.

10) The permission of the Govt. of
Madras has not been received for conducting
surveys in their territory. Submitted for order

D. 22/1/45
22/1/45
As the surveys are to be commenced
immediately, the Revenue Dept., perhaps,
be requested to kind of order to communicate
the consent of Madras for conducting surveys
in their territory.

12) The estimate may in the meantime
be sanctioned, so that work can be taken up

immediately. The Govt. of Madras is
to be communicated.

13)

The estimate put up by the C.E.E.

Min. of P.W. & I. for the survey work, pending the

receipt of permission of surveys in

the Madras territory, may be approved.

The outlay is to be debited to the grant of
"Under" Working expenses, Hydro-Elec. Survey

D. 22/1/45.

14) Sanctioned. The minimum staff necessary
has been estimated & the Govt. of Madras has been informed.

D. 22/1/45

15) D. 25/1/45

M. 25/1

OFFICE OF THE MINISTER
FOR PUBLIC WORKS
2-3 JAN. 1945
No. 5497

Development of Electricity below the Mehadath Falls in the Cauvery Valley

C. F. 69]

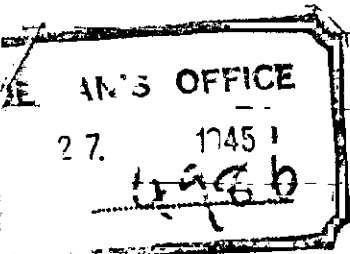
Continuation Sheet.

No 192)

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of

Page.



16) The file will, if approved, be submitted to the Dewan, as the amount of the estimate exceeds Rs. 10,000/-

25/1/45
25/1/45
Dewan) KJ 26 1/45

18) The file put up at the staff submission order to His Highness reporting action that is being taken

19) D.F.N.

KJ 29 2/45

20) A D.F.N. is put up

20/1/45

20/1/45

20/1/45

Minister for P. W. S.

KJ 31 2/45

22) Signed F.N. placed below.

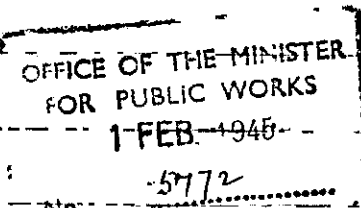
Dewan)

KJ 9 2/45

9/2/45

9/2/45

9/2/45



DEW. P. S. OFFICE

10-FEB-45

Final Note by the Minister for Public Works.

Subject.— Development of Electricity at the Mekadatu Falls.

D
E
F
The question of generating electrical power at Mekadatu was taken up for consideration so far back as 1918, when the Government of Madras enquired of this Government whether they had any objection to the Government of Madras developing power at Mekadatu Falls. The question was then taken up with the Government of Madras through the Residency and after some correspondence the Government of Madras agreed to the Mysore Government generating power at the Falls. But they did not agree to the proposal of full jurisdiction over the tract required in British territory to be ceded to the Mysore Government. Without this jurisdiction in British territory, it was considered that no advantage would be served by accepting the terms offered by the Government of Madras, as the Government of Mysore would be required to pay, apart from other minor taxes, nearly Rs.1,53,600/- to the Madras Government as income and super taxes alone on Mekadatu scheme, which would mean a royalty of Rs.19/- per H.P. against Rs.5/- per H.P. paid at Sivasamudram. The scheme was thereupon ordered to lie over; since there were other schemes for generating power at Krishnaraj Sagar, Shimsha New Project, Jog and Lakkavalli, which were less costly and demanded prior attention.

C
R
As some of these schemes have since been taken up, it is now proposed to resume the surveys and conduct detailed investigations of this project. As some of the sites for the generating station lie in the Madras Province, the Government of Madras have been requested through the Residency to grant us permission to conduct surveys in their territory as they did in 1924 in connection with the preliminary surveys.

I beg to submit for His Highness' information the action taken in the matter.



Bangalore,
7th February 1945.

MINISTER FOR PUBLIC WORKS AND INDUSTRIES.

Submitted to His Highness

I submit herewith a Final Note by the Minister for Public Works and Industries on the subject of the action that is being taken in connection with the proposals to develop electricity at Mekadatu Falls, for His Highness's gracious perusal.

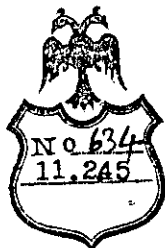
M. N. S. Rao

Bangalore,

DEWAN.

10th February 1945.

Record of Cases submitted for the Orders of
His Highness the Maharaja.



Subject.

Action that is being taken in connection with the proposals to develop electricity at Mekadatu Falls.

634

Order.

12/2/45.

12/2/45

9000

19/2/45

WP
20/2/45

c672

SUBJECT:—

Action that is being taken in connection with the proposals to develop electricity at Mekadatu Falls.

(*)

14. All urgent or confidential files returned with His Highness' orders may, in the absence of instructions or indications to the contrary, be ordinarily circulated to the Ministers for perusal after the issue of orders.

16. The Secretaries concerned should see that orders in the cases referred to above are issued at once and that the files are returned immediately after, to the Chief Secretary for circulation to the Ministers.

17. In all other cases, the files will first be circulated to the Ministers at Headquarters and then sent to the Secretariat concerned for the issue of orders.

Circulated to Council of Ministers for perusal of His Highness' orders before/after issue of orders. (Vide Rules 14, 16 and 17 of the Subsidiary Rules of the Mysore Government Business Rules.) (*)

W. S. S. Channarayana
Chief Secretary to Government.

20/2/45

Through the Secretary to Government,

Electrical...Department

K. S. S. Channarayana
21/2/45

Minister for Revenue and Law.

M. S. S. Channarayana
25/2/45

Minister for Public Works and Industries.

G. S. S. Channarayana
26/2/45

Minister for Local Self-Govt. and Public Health.

H. S. S. Channarayana
27/2/45

Minister for Food and Civil Supplies. (On deputation).

Elec: Secy.
W. S. S. Channarayana

W. S. S. Channarayana
28/2/45

WD 01413 - GBP-500-29/11-44

Record
G. S. S. Channarayana
29/2/45

Chief secy
w/c. Far of c'n.
K. S. S. Channarayana

2953
27/2

6234
28/2

6641
28/2

Development of Electricity at the Hekadatu Falls in the Banwary Valley.

Continuation Sheet.

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8228

Letter No. D.F. 248-14/Pol. dated the 16th March 1945 from the Secretary to the Hon'ble the Resident in Mysore.

Furnishes the views of the Govt. of Madras in the matter.

38) If approved a copy of the above letter will be forwarded to the C.E.S. for his immediate views and the file will then be forwarded submitted to the Minister for P.W.Ds and Dewan.

39) 17/3/45
40) 15 day
17/3/45
17/3/45
17/3/45

Copy of the Residency letter sent to the C.E.S. with Memo No. EDS. 3187 dt 17/3/45.

41) The Govt. of Madras have no objection to the Govt. of Mysore extending their detailed surveys of the Hekadatu Hydro-Electric Project on both the banks of the Banwary River in the Salem and Coimbatore Districts. Simultaneously they have suggested that as soon as the scheme has been prepared by the Govt. of ^{Mysore} Madras it may be confirmed or modified by a field inspection to be undertaken by Engineers appointed by both the Govts and that a joint recommendation may then be submitted to each Govt. as to the scheme to be adopted, the method and the agency for the construction and the share of each.

have in the effective power generated at the station. Re the cost of the investigations, it is stated that it may be met in whole or in part by either Govt. at the outset, the actual cost being adjusted later in proportion to the share of the power.

allotted to each Govt. and that the terms and conditions mentioned in the confidential letter from the Residency (No. C. 424/631 dated 16-1-1926 do not hold good in view of the considerable lapse of time and the changes in the situation. The views of the C.B.E. are awaited.

19/3/45
19/3/45

OFFICE OF THE MINISTER
FOR PUBLIC WORKS
20 MAR 1945
No. 6016

42) For perusal. Views of the C.B.E. have been invited.

19/3/45 Dewan

19/3/45

43) This indicates that the Government of Madras want to come in as partners if the scheme is going like a success. So we have to consider if we select the sites in their territory, we will have to concede them this right. So we must carefully consider whether it is advantageous to have a joint concern with the generation site in Madras territory or to have it in our States by making use of that ever facility we have. Mr. C. S. S. is after and to give his views.

6214

OFFICE OF THE MINISTER
FOR PUBLIC WORKS
26 MAR 1945
No. 1174

44) 19/3/45
45) 19/3/45
26/3/45

19/3/45

Development of Electricity at the Herandata Falls in the Banu Valley

2617
Continuation Sheet.

File No.
Current No.

of

Page.

22286

2617

47) Submitted with a draft letter to the C.E.E. for approval.

2/4/45
1/4/45
2/4/45

48) Issue
G 44/45

49) K 13 1/2 45

Issued in No. S.D.S. 3380 dated
6th April, 45

Letter No. 25652 dated the 16/17th ^{April} ~~March~~ 1945 from the Chief Electrical Engineer

states that a report will be sent up as early as possible.

50) The detailed report will be awaited.

18/4/45
17/4/45
G 18 1/4 45
K 18 1/4 45

Letter No. S.F. 345-44/P. dated the 16th May 1945 from the Secretary to the Hon. the Resident in Tripoli.

51) Inquired in what stage the matter stands and when a further communication may be expected.

52) The report from the C.E.E. is awaited as the question requires detailed examination.

54) The An interim reply may be given to the Residency and C.E.E. regarding the matter of the report.

17/5/45
17/5/45

G 17 1/2 45
55) Yes K 18 1/2 45

loss in the effective power generated at the Station. Re. the cost of the investigations, it is stated that it may be met in whole or in part by either Govt. at the outset, the actual cost being adjusted later in proportion to the share of the power allotted to each Govt. and that the terms and conditions mentioned in the Confidential letter from the Residency (No. C. 4264/631) dated 16-1-1926 to the Govt. of Madras in view of the considerable lapse of time and the changes in the situation should be considered afresh on a new basis. The views of the Govt. are awaited.

42) For perusal. Views of the C.B.E. have been invited.

19/3/45
19.3.45
G 19/3/45
Sewan
Minister for P.W.D.
K 19/3/45

43) This indicates that the Government of Madras want to come in as partners if the Scheme is going to be a success. So we have to consider if we select the sites in their territory, we will have to concede them this right. So we must carefully consider whether it is advisable to have a joint concern with the Madras Govt. in the generation site in Madras territory or to have it in our States by making use of that ever facility we have. The C.B.E. is after all anxious to find his way.

OFFICE OF THE MINISTER
FOR PUBLIC WORKS
20 MAR. 1945
No. 6016

OFFICE OF THE MINISTER
FOR PUBLIC WORKS
26 MAR. 1945
No. 1174

621-4

44) J M
45) J M
27/3
26/3/45
D 0726-GPB-25,000-15-9-44
46) K 2/45

Development of Electricity below the Mohadatu Falls in the Banwary Valley.

C. 69]

Continuation Sheet.

File No.
Current No.

of

Page.

2617/48

56) Submitted with a draft letter to the Residency for approval.

57) Issue

10/18/1/45
11/18/1/45
18/1/45

18/1/45 58) 18/1/45

3689-90

Issued in No. S.D.S. 2089 dated 21st May, 1945

Letter No. D.F. 348-46/45 dated the 10th July 1945 from the Sec. Secretary to the Hon'ble the Resident in Mysore.

Requests to be intimated in what stage the matter stands at present.

59) The report is awaited from the C.B.C. If approved the C.B.C. will be reminded a reminder is put up for approval.

10/12/1/45
11/12/1/45
18/1/45

61) Urgent

60) 18/1/45

yes 18/1/45

Issued in No. S.D.S. 57 dt. 14.7.1945

Letter No. 4084 dated the 24th July 1945 from the Chief Electrical Engineer.

Furnishes his report in the matter.

62) The C.B.C. has explained at length the disadvantages and advantages of the several sites for the generating station.

63) In this connection the C.B.C. invites reference to the Chief Secretary's

Development of Electricity at the Mchadatu
Falls in the Coimbatore Valley.

Continuation Sheet.

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120

letter No. Pol. 663 dated the 7th February 1925 P)
and considers that in view of what is stated
in the last paragraph of that letter, the
Govt. of Mysore have the necessary permission
to generate power at Mchadatu any time
they consider it necessary so long as they
agreed to make the blocks of power required
by the Govt. of Madras available on the terms
and conditions referred to in the above letter.
He also states that the terms and conditions
should hold good, as the the discharges in
the river have not changed since the terms
were agreed to and the boundaries between
the two Govts. have not shifted.

64) Submitted for orders.

26/7/25
940r
26/7
65) The Madras Govt. has been
in this Govt. extending the details
surveys on both the banks of
the river (vide para. 1 of the
Residency letter of 16.3.25) & hence E)
there seems to be no necessity
to address the Govt. of Madras
again about this as desired
by the B.E.E. in the last
para. of his letter. He may
perhaps be informed accordingly.

66) The other points may be
examined separately.

26/7
P.D. (Sd) 26/7

120

Development of Electricity below the Mekadshi
falls in the Cauvery ~~low~~ valley.

B)

67) The Govt. of Madras have considered it fit to withdraw the terms & conditions mentioned in their letter of 16th Jan 1926, due to lapse of time, & there appears no use in pursuing this further. It appears inevitable that we agree to the conditions ^{now laid down} but after the investigation & surveys are completed & we find it advantageous to ^{undertake} ~~execute~~ the project.

68) The C.E.R. has examined 3 sites for power generation out of which no. 2 is not easily adaptable for the location of the generating stⁿ. Of the remaining two, site no. 1 gives a net working head of 70 to 140 only while no. 3 give from 156 to 210, but no. 1 is in Mysore territory while no. 3 is in the Madras territory and the Reservoir will be half in Mysore & half in Madras as the middle line of the Cauvery forms the boundary line betw. Mysore & Madras. It is therefore all the more need to come to an agreement with Madras w/ r/t to this no. 3 site later on. In the meanwhile, the Madras Govt. ^{may} ~~has~~ ^{intimated} ~~to be suggested~~ ^{that as by them we are} ~~has~~ agreed to ~~exp~~ extending the surveys on both banks of the river Cauvery, during the next summer season, in the ~~4~~ need portions of the Madras territory.

M^r P.W.
&
Dewan

KJ 27/45

69) 31/45

70) Nue

31/2/45

71) KJ 28/45 & 18

OFFICE OF THE MINISTER
FOR PUBLIC WORKS
28 JULY 1945

No. 865

DEWAN'S OFFICE

31 JULY 1945

C-30

1207

1000

$$m \frac{v^2}{r}$$

75) yes.

76/yes

~~kw 8/8~~ ~~us 8/8~~

close of the working season. Submitted for perusal. The
Residency will have to be intimated
of this decision. 75) Y. may be done.

78) $\frac{1}{2}$ may be done.
 79) $\frac{1}{2}$

$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

 ~~$\sqrt{4}^2 \sqrt{4}$~~

General and Revenue
Secretariat

File No.

of 194

[App. F. III-2]

Serial
No.

80) A draft letter to the Residency is
put up for approval.

17/2/46
14/2/46

Secy)

81) 21
572

82) Issue

2
KJ 5-16

Issued in NO. 8 DS 1713-14
dated 8th February 1946.

83)

A draft letter to the Chief
Elect. Engr. is put up for
approval.

17/2/46
17/2

84) Issue

KRC
20/4/47

Board No. E. E. S. 2045-21.2-47
to The C. E. E.
Enquiries if arrangements have
been made to take up the
work.

Letter No. 24544 dated the 24th
February 1947 from the Chief Electrical
Engineer.

States that the C.E. for Irrigation
has stated that it is not possible to
depute any staff for surveying work
and that it is therefore not possible
to undertake the survey work.

A report of the
the 'Hradatu Falls in the
Saurashtra Valley
File No. 139 of 1946.

Ge

Serial
No.

1538

this season.

85) Submitted for perusal and
orders whether the Residency may be
informed accordingly as in February 46

B)

86) The Residency may be informed
as proposed.

87) may be informed

after perusal by the

Min. P.W.

88) A letter to Residency may be put up

R.L.

28/2

89) A draft letter to the Residency is put
up for approval.

R.L.

1/3/47

90) Issued

R.L.

3/3/47

Issued in No. EDS 3193 dt 4/3/47

The Secretary to the Govt
the Resident in Mysore

States that the survey work has
been postponed to the next season

Copy to the Govt. sent
with No. EDS 3194 dt 4/3/47.

Sus. till
January 1948
4/3

Serial
No.

Letter No 855 E. 47-6 dated the
5th August 1947 from the Secretary
to Govt. P.W.D. - Govt. of India

States that the Govt. of India
propose to undertake the
construction of a

92) It approved a copy of the
above letter and its enclosure will
be sent to the C.B.E. and C.B.S. for
a report. For Govt. consideration

93) A brief resume of the case may
perhaps be compiled and submitted with the latest
proposal of the Madras Govt. for favour of perusal
by the Minister and Dewan before consulting C.E.E.

RR

11.8.47

sent

Extract of Notes of the Secy on the P.W.D.

92) "For favour of perusal in the first instance C.E.E's
views may be called for"
Minist (P.W.)

2nd RR 13/8
K.M.C 13/8

96) 2nd L.S. 14/8/47
2nd R.R. 14/8
2nd K.M.C 14/8

97) For orders whether the file may be submitted
to the Dewan before consulting the C.B.E.

98) RR
18.8.47

18/8/47
sent

99) The C.E.E's views may first be called for;
the file will have to be submitted to the Dewan
Thereafter with a brief Synopsis of the case

RR
19.8.47
RR
18.8.47

94)
This may be done
after the Minister's
first perusal.

RR
13/8

Serial
No.

100) Submitted for orders if the work already put up
may be initiated now

101) rec
19.8.1947

Secy)

102) Issue.

R.R.

20/8/47.

103)

baseworker will pl.
prepare a brief
note separately.

R.R.

Issued in letter No. E.D.S. 588/Eleul 139-46-5
dated 21st August 1947.

rec
20.8.47

To The Chief Electrical Engineer
Forwards a copy of letter and its enclosure,
received from the Secretary, P.W.D. Madras
and requests to furnish his opinion in
consultation of C.E.I. on the proposal at an
early date

Memo No. E.D.S. 589/Eleul 5 d. 21-8-47

To.

The Chief Engineer for Irrigation

Forwards a copy of letter addressed to the C.E.I.
for information & report in consultation
with the C.E.E.

104) A brief note on the subject is

Have we had
any proposals & estimates
from the C.E.E. of the
amount of power
that can be developed
here? R.R. 23/9

105) rec
12.9.1947

Secy)

106) The C.E.E. & the C.E.I. may be reminded.
The letter of the Secy, P.W.D., Madras
may be acknowledged stating that the
question is under examination and
a reply will be sent in due course.

R.R.

23/9/47.

rec
23.9.47

278
Serial 571/778

(107) Three drafts are put up for ~~approval~~

24/9/47
(108) Issue

issued a letter to the in G.O. No 906/82
139-46-6 dated 26th Sep 47 to the Secretary
P.W. Department, Madras. Stating that the
matter is under examination and a reply
will be sent in due course.
Director M&EDS 907-0 dated 26-9-47 to
the C.E. and C.E.E.

Letter No. 13597 dated the 5/10th
November 1947 from the Chief Electrical
Engineer

Forwards for information and
orders. Govt. a memorandum
drawn up by the C.E. and the
Chief Engineer for ~~reference~~

(109) Submitted for orders.

(110) The matter for orders is a reference from the Govern-
ment of Madras stating that they would like to proceed
with the development of electric power at Mekadatu site
on the Cauvery river by about 1950 and would start field
investigations during 1948.

A ~~very~~ synopsis in regard to developing electricity
at Mekadatu falls is furnished on folio J.

4) The Chief Electrical Engineer and the Chief Engineer for Irrigation, who were consulted on the proposal of the Madras Government, have submitted a memorandum.

113) It will be seen the following advantages are likely to accrue by generating power at Mekadatu.

1. The permission previously accorded by the Madras Government would not be lost by default;
2. The waters of Cauvery impounded at great cost at Krishnarajasagar would be fully utilised by the State;
3. All the other locations for power generations in the State were situated and could be conveniently developed when necessary at our convenience. The proposal at Mekadatu would provide for meeting the normal load growth;
4. The proposal would provide for dispersal of generating stations desirable ~~for the~~ in the interest of defence and would provide for each area being arranged to be served by the most proper power generating station.

4) It is now for orders whether, as requested by the Chief Electrical Engineer, the Government of Madras may be intimated that the Government of Mysore are taking up the question of generating power at Mekadatu actively and therefore to defer their proposal till investigations by this Government are complete and a decision in the matter is arrived at. The Chief Electrical Engineer will also have to be instructed to arrange and conduct necessary field investigations without fail during the ensuing summer.

115) Krc

7785788
✓ 805

P.O.D II

116) This relates to the development of hydel power at Mekadatu falls on the Cauvery, where the centre line of the river is the common boundary of Madras & Mysore territories.

117) The C. E. E. & the C. E. I. have submitted a joint memorandum recommending that the development of this potential water-power should be actively taken up by us, and not be left to the Madras Govt. as seems to be their intention in their letter dated 5th Aug. '47. The recommendations of the C. E. E. & C. E. I. are based on the original agreement arrived at between the two Governments ~~in~~ in February 1924, which the Madras Govt. in effect repudiates on the ground that considerable time has lapsed since then and that conditions have since changed. The C. E. E. ~~and~~ ^{meets} this point by saying that in the original agreement no time limit for the development of the falls by Mysore was placed and that the discharge in the river, etc., have not changed since then.

118) I am not sure how far this argument will hold water on account of the changed political situation and whether we are at all prone to be the losers even if Madras were to be allowed to develop the falls on certain conditions such as sharing of the power resource and capital & operating costs. It can not be overlooked that half the river belongs to Madras as the other half belongs to us.

119) Before a reply is sent to the Govt. of Madras, I suggest that this question may be discussed with the C. E. E. & the C. E. I.

Min. Labo)

Rel. 25/11/47.

120)

25/11

121) The Minister has provisionally fixed 8th or 9th Dec. '47. for a meeting with the C.E.S. & C.E.D.

RR.
26.11.47

122) Issue D.O. to C.E.S. as dictated. This may be brought up personally to me by the Caseworker on the 5th Dec. '47.

RR.
26.11.47

D.O. No. E.D.S. 1428 / Blue 139-46-9
dated 26-11-1947.

To M. Hayath, Esqr. B.E. (Mech) BSEE
C.E.S. Blue.

Requests to make it convenient to be at headquarters between 7th Nov to 10 Nov '47 in order to discuss the question of generation of power at Mekadatu Falls.

Memo no E.D.S. 1441 dt. 27-11-47

To Sec Chief Engineer for Irrigation

Forwards a copy of D.O. letter addressed to the C.E.S. for information

D.O. no E.D.S. 1531 / Blue 139-46-10 dt. 5th Dec. 1947

M. Hayath, Esqr. B.E. (Mech) BSEE.
Chief Electrical Engineer
Blue

Inform that the meeting has been fixed on the 9th December 47 at 12 noon in the Chamber of the Minister for Law & Labour & requests to make it convenient to be present for the same.

778/796/505/1041

2) D.O. No EDS 1582/Elec 139-46-11
dated 5th Dec. 1947

Rajakanyaprasakla

M. Narasimhaia, B.E., Ch.

C.E. for Irrigation, Bangalore.

Inform that the meeting has been fixed at 12 noon
on the 9th Dec. 1947 in the Chambers of Minister for Law & Home
& Requests to make it Convenient to represent.

At 12

Letter No EDS 1597 dated the 10th December 1947 to the
Secy to Govt of Mysore P.W.D. stating that arrangements
are being made for making detailed survey for the
generation of electricity at Makedatu as per agreement
arrived at in July 1924 and subsequent years.

Letter No EDS 1598-9 dated the 10th Dec 47 to the Chief
Engineer for Irrigation and the Chief Electrical Engineer
forwarding copies of the letter for information.

Off app. by
Minister Law.
Extract of Note on the
draft
for signature
Minister Law
Dated K.T. 6
10/12/47

Sd/- B. N. S. 8/11/47
to come on
to
4/12/47

Letter No. 21142 dated the 10th
January 1948 from the Chief Electrical
Engineer.

Forwards for sanction and
estimate for Rs. 85,000/- for the construction
of surveys etc.

123) In the statement of forwarded
it is seen that both civil and electrical
staff have been provided and the former
is for 12 months and the latter for 6 months.
10 per cent construction allowance has also
been provided. It is not clear as to the
necessity for electrical staff.

124) As the surveys have to be conducted from January 1948, orders may perhaps issue pending circulation.

356
12/11

125) As the Madras Govt. now seem to be desirous of executing the project themselves, it is very necessary that the survey work is put on hand immediately to establish our own rights in the matter of harnessing the Mekadathu Falls.

Office of the Secretary to Government
for L. & S.

No. 3456 /
Date 16/1/48

126) The estimate may be sanctioned. As this is a Council Case, sanction may be given to the entertainment of the Staff pending disposal, in view of the urgency.

Min. Law
&
Dewan.

Through H. Secy.

R.R.

13/1/48

128)

R.R. 16/1/48

127)

14.1.48

R.R. 15/1/48

129) yes. And then the case may be got ready for consideration by Council at a very early meeting at which C.E. I & C.E. II may be present.

A.M. 18/1/48

R.R. 19.1.48

130) A draft G.O. is put up for approval.

Secy

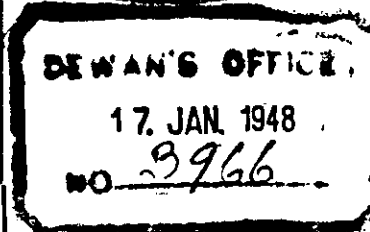
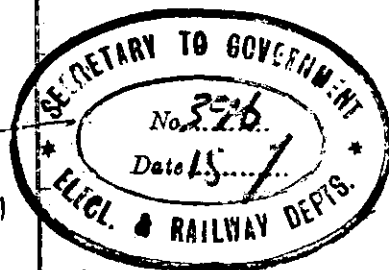
131) R.R. 19.1.48

132) Issue.

R.R. 20/1

4554

13/1/48



Asst. Secy. R.R. 19/1/48

470
14/11

R.R. 19.1.48

1070

1
bcb
26/1

G.O. No EDS. 1975-78/ Elec 139-46-14
dated 20th January 1948

The Chief Electrical Engineer.
The Comptroller to Government
The Chief Engineer for Irrigation.
The Auditor, Electrical Dept.

Sanctions an estimate for Rs. 85,000/- for carrying out the necessary detailed surveys in the revised budget for the current year under "Capital".

133) A draft note for circulation
is put up for approval.

134) RRC
26.1.48

21/1

Secy

135) Retype and put up.

136) The C.E. & C.E.I. have to be informed of the date & time at which this subject is first to be taken up for discussion in the Council.

R.R.
1.2.48
RRC
3.2.48

137): 12 copies are put up.

22
3/2

RRC
4.2.48

Secy

As this subject is to be discussed at a meeting of the Council, the date of such meeting may kindly be intimated so that the C.E. & the C.E.I. may be informed of the same in time.

(memo)

FD 1570-500 pads of 100 sheets each-12-2-46

6960
6/2

Chief Secy
w/c

R.R.
4.2.48

13/2 13/2

Generation of Electricity from Mexico

Continuation Sheet.

File No.
Current No.

Page.

Council File No. 9.08
For Consideration
at a meeting of Council
WOP
10/2/46

Chief Secretary.

Mākeōam file. (Council.)

- I understand it has
been sent to Min & J. Please
send it.

WJ

2/3

File put up.

Min & J).

WJ

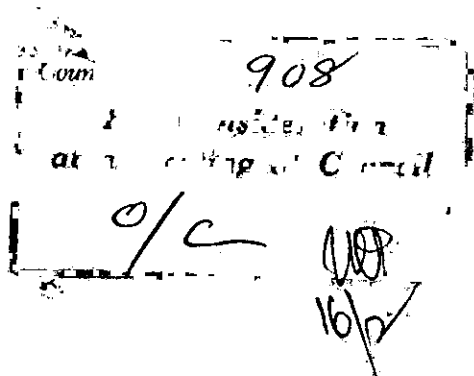
2/3/178

NOTE FOR CIRCULATION IN COUNCIL.

The question of harnessing the Mekadatu Falls of the Cauvery river for generation of electricity has been under the consideration of Government since 1918. After a protracted correspondence and conferences the Government of Madras agreed in 1926 to the generation of electricity at Mekadatu by the Government of Mysore under certain conditions. Owing, however, to other projects of a more urgent nature having been taken on hand hitherto, the matter of generation of electricity at Mekadatu could not be actively pursued by this Government till now.

With the completion of the Shimsha Scheme in 1940 and the Jog project now well under way, this matter was once again taken up in 1946 and the concurrence of Madras Government obtained for carrying out detailed surveys on either banks of the Cauvery river extending to Salem and Coimbatore Districts of the Madras Presidency. However, owing to paucity of the necessary civil engineering staff, these surveys could not be undertaken hitherto.

The Madras Government have, in the meanwhile, in their letter of 5th August 1947, requested permission of the Mysore Government for investigation and construction of the scheme solely by the Madras Government Electrical Department. They have been advised that the Government of



of Mysore were themselves making detailed surveys for generation of electricity at Mekadatu Falls.

The Chief Electrical Engineer has in this connection submitted an estimate amounting to Rs 85,000/- for making detailed surveys of the project. The main items of the estimate are as follows:-

(a) Civil Engineering establishment.	Rs 34,212/-
(b) Electrical Engineering establishment.	6,843/-
(c) Survey Instruments	10,000/-
(d) Labour, jungle clearing, transportation, tentage, tree compensation, contingencies, etc.	33,945/-
T o t a l	Rs 85,000/-

As the Chief Electrical Engineer has stated that the surveys can be undertaken only between January and May, i.e. before the monsoon sets in, sanction to the above estimate has been conveyed in EDS.1975-78 dated 20th January 1948 with the approval of the Minister for Law and Labour and the Dewan.

The case is for disposal at a Council Meeting.

R. Ramani
Secretary to Government,
Electrical Department.

4/2/48

Subject:-

Harnessing the Mekadatu Falls of the Cauvery river for generation of electricity.

(For commⁿ on 3/3.)
 WT
 24/2/48

OPINION OF THE COUNCIL.

The file is put up for perusal,
 as desired.

M/m 7 & 9)

WT
 24/2/48
 24/2

OFFICE OF THE MINISTER
 FOR FINANCE & INDUSTRIES.
 No. 2/95.....
 Date 25/2/48

I feel that this requires a detailed consideration of the previous history of the case. The circulation note does not bring out all the points of contention between Nadra & Mysore. Some of them are:-

- i) Rights over Nadra territory which comes within the Mekadatu scheme - including judicial. (See letter Nadra dt. 29.8.47)
 - ii) Central, provincial and local imports.
 - iii) Royalty -
 - iv) Central and provincial Electricity laws - which are not the same as those of Mysore.
- The last letter of Nadra for dated 5th Aug 1947 indicates

CB
 2.3.48
 WT

clear that Nados wants to go ahead with their own scheme.

As re the need and the cost of survey - there is much to consider. Vide letter of Secy, Electric Dept Gov Mysore to the C.E.E., Mysore showing that there were two surveys already - the last a comprehensive one in 1922. See also letter of C.E.E. dated 10.4.1931 - which says Metcalf scheme is prepared in a comprehensive manner.

The cost of the scheme of survey also varies enormously bet 1945 and 1947. It rises from Rs 15680/- to Rs 85000/- the need for which is not explained.

J.E.D

2/3/48.

Council File No. 908.	
For Consideration	
at a Meeting of Council	
by 5/3/48.	WT 7/3

8/3

essential that the Mekedatu installation was preferably financed, erected and worked by the Mysore Government and that the details about the distribution of power available between the two Governments and other connected questions might then be taken up for discussion at a Conference of officers of the two Governments, (vide Public Works Secretary's No. C.P.S. 176/10-G, dated 27th February 1919). For four years there was nothing doing and on a reply sought by the Mysore Government the Madras Government stated that they were unable to agree to our claims of supply of a large share of power at the Falls and suggested that this as well as the question at issue in connection with the K.R.S. Dam might perhaps be conveniently settled together to the mutual satisfaction of both the Governments. (Vide letter dated 13th December 1922 from the Secretary to the Hon'ble Resident in Mysore)

Meantime, in 1924, Messrs. B.S.Venkataramana Iyengar and M.S. Madhava Rao were employed on Mekedatu survey operations.

As a result of certain correspondence between Sir Albion Banerji and the Hon'ble C.P. Ramaswami Iyer, the then Member of Council, Madras, regarding this question the Joint Secretary to the Madras Government, Public Works Department informed Sir Albion by a D.O. dated 28th February 1924 that the Madras Government agreed to the generation of power from Mekedatu satisfactory terms being arrived at for the sale of power by the Mysore Government to the Madras Government up to a reasonable maximum limit at concession rate calculated on the actual cost of production, interest, charges on depreciation, plus a certain percentage of profits. The points of importance in the scheme were (1) that the site best suited for the generating station lies in the Madras territory about a mile and one-third below the Mysore - Madras boundary (2) that Madras will be given one-half power generable at the said station by the normal flow (previous to augmentation by the construction of the K.R.S.) in the river

Vide:
letter of
C. E. E.
dated 11-7-1928

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Vide:
letter of
C. E. E.
dated 11-7-1928

3. ^{was} ^{to be} calculated ^{at} 3050 K.H.P.
according to flow records and this
(3) that for working the scheme the Mysore Government should have full rights for power purposes ^{over} on both sides of the river to a distance of 10 miles above the junction of the Cauvery and Arkavathi rivers and to a distance of $\frac{1}{2}$ a mile down-stream from the Generating Station (4) that the quantity of power referred to above would be given to Madras at cost price including depreciation etc., plus ^{15%} ~~50%~~ of ^{the} profit subject to a minimum of 15 annas per B.O.T.U. (5) if the Madras Government wanted ~~extra~~ power the terms at which it would be supplied would be determined when the occasion ^{arose} ~~arises~~ (6) no royalty need be paid to the Madras Government on account of the scheme. It was desirable to settle these terms first and prepare detailed estimates later. The cost of the scheme was expected to be Rs. One crore. Full jurisdiction over the tract which would be required for working the scheme was also asked for.

The Madras Government while agreeing to the terms generally raised certain other points in regard to ^{the} ~~an~~ area to be reserved to the dam and frequency of power to be supplied (vide Major Evans Bordon's letter dated 16th January 1926). It was suggested that Mysore should ask for jurisdiction similar to that ceded by us over the Civil and Military Station area to the British Government.

In a note submitted by the Chief Electrical Engineer to Government on 11th July 1924 he says that since 1923 accurate surveys have again been made in Mysore territories and under sanction contained in Public Works Secretary's No. EDS. 538 dated 31st March 1924 survey operations were extended down the ^{into the Madras Territory} river to the point marked 'Generating Station' as shown on the drawing copy attached thereto. It is seen that on 7th February 1925 the Mysore Government sent a reply to the Residency giving information on various points as required by them. In that letter the Mysore Government said that they had since made accurate and detailed surveys on the Mokedatu Hydro-electric power project and

and had under preparation detailed estimates and plans therefor. They gave also the main features of the scheme and annexed thereto a detailed description of the same. The generating station was to be $1\frac{1}{3}$ miles below the Mysore / Madras boundary in the Madras territory. The terms and conditions in respect of the supply of power to the Madras Government were also set forth in the same. Some of them were the following:-

- (1) The Mysore Government should have full right for power purposes ~~on~~^{on both} sides of the river to a distance of ten miles above the junction of the Cauvery and Arkavati rivers and to a distance of half a mile down stream from the Generating Station.
- (2) No royalty to be paid to the Madras Government on account of any purpose.
- (3) The power 3050 E.H.P. to be supplied to Madras at cost price plus 15% profit.
- (4) Full jurisdiction over the tract to be ceded to the Mysore Government.

In reply, the Secretary to the Resident in Mysore, in his letter dated 16th January 1926 said that the Government of Madras were prepared to agree to the terms proposed in para (3) of that letter which was confidential subject to certain modifications which were stated therein. In that same letter he requested Mysore Government to specify exactly the jurisdiction the Mysore Government required over the tract referred to. Again in his letter dated 2nd June 1927 the Secretary to the Resident said that before the proposal could be further considered the Madras Government had requested that the Mysore Government be asked clearly why they desired full jurisdiction over the tract and whether a lease of the area would not be sufficient. A reply to this was sent on 23rd June 1928 explaining reasons why we needed the area to be ceded to Mysore. They were to afford protection and facilities for Mysore officials and other subjects of the State, adequate powers for safeguarding their machinery and other properties, enabling Mysore electricity laws to prevail and avoid super-imposition of inspectorate of another Government, obviating imposition of Central, Provincial and local imposts. - - -

which might seriously affect the financial prospects of the enterprise.

It is essential to note that the Madras Government expressed their inability to agree to the proposal of full jurisdiction over the tract required in Madras territory to be conceded to the Mysore Government in their letter dated 25th August 1923 of the Secretary to the Resident in Mysore. As regards taxes on the income contributed to the scheme the position was found to be as follows:-

Calculating an income of 6% on the capital of Rs. 1,36,00,000 which would come up to Rs. 8,16,000/-, the income and super taxes thereon at 0-2-6 would amount to Rs. 1,25,000 and to this was to be added profit which the Government of Madras was expected to make for the supply of 2200 H.P. at the rate agreed upon, viz., 18,600 thus making the total of Rs. 1,53,000/-.

In a letter dated 10th April 1931 the then Chief Electrical Engineer says that the Makedatu scheme prepared in a comprehensive manner was before the Government. Then there was a long period of suspense. It was in November 1944 that the present Chief Electrical Engineer proposed to conduct detailed surveys of the project. In that he characterised earlier surveys as only preliminary investigations. He also says that the surveys had to be extended into the Madras territory. From what I can make out of the earlier records it looks to me that the earlier surveys also had extended to the Madras territory. This was followed by another letter dated 19th January 1945 by the Chief Electrical Engineer wherein he submitted the estimate ^{Amounting to Rs 15680/-} for taking detailed surveys and preparation of the project estimate for Makedatu. In reply to a letter dated 20th December 1944 which had gone from the Government of Mysore to the Government of Madras, the Residency in Mysore in their letter dated 16th March 1945 said that the Madras Government had no objection to the Government of Mysore extending their detailed surveys of the Makedatu project on both the banks of Cauvery river with a view to select a most favourable and economic site. They suggested also a joint field inspection by the Engineers of both the Governments and a joint recommendation regarding the method and agency for the construction and the share of each Government in the power generated at the station and in the

sharing of the cost of the investigation. At the same time, they added that the terms and conditions mentioned in the earlier letter from the Residency to the Chief Secretary dated 16th January 1926 did not hold good now in view of the considerable lapse of time and the changed conditions and that the question should be considered afresh on a new basis.

Nothing material happened until 5th August 1947 when a letter was received direct from the Madras Government in which it was clearly stated that the Government of Madras liked to proceed with the generation of power at Hekedatu by about 1950 and start field investigations in 1948 and as the greater part of the works would lie on the Madras side of the river the Mysore Government's permission for the investigation and construction solely by the Madras Government was requested. They also said clearly that that proposal was in modification of past ideas. They followed it up by subsequent reminders on the 16th September, 3rd November, 3rd December 1947 wherein they enquired when a reply could be expected to their communication. The Chief Electrical Engineer in Mysore seems to have felt that there was an original agreement arrived at between the two Governments in February 1924, that the Madras Government were repudiating about those terms now on the ground that considerable time had elapsed since then and that conditions had since changed. The only argument of the Chief Electrical Engineer against the stand of the Madras Government is that in the original agreement no time-limit for the development of the scheme by Mysore was specified. In his note in para 113 of the file, the Secretary to Government, Electrical Department notes on 25th November 1947 as follows:-

"I am not sure how far this argument will hold water on account of the changed political situation and whether we are at all going to be the losers even if Madras were to be allowed to develop the Falls on certain conditions such as joint sharing of the power resource and capital and operating costs. It cannot be overlooked that half the river belongs to Madras as the other half belongs to us."

He, however, suggests a joint discussion with the Chief Electrical Engineer and the Chief Engineer for Irrigation. As a result

of ~~that~~ Mr. Mohamed Hayath, the Chief Electrical Engineer sent up a recommendation in his letter dated 25th December 1947 with another estimate amounting to Rs. 95,000/- for conducting detailed surveys and preparation of estimates for Mekedatu Hydro-electric scheme. How and why there should have been such a great difference between the estimates he submitted only two years ~~earlier~~, i.e. on 19th January 1945 and this one is not explained clearly. In that communication he does not make any mention of all the correspondence that has gone on between the two Governments and the difficulties in the way of securing the permission of the Madras Government both for conducting investigation and for launching of the scheme. Anyway, in Para 125 of the Secretariat File it is stated that as the Madras Government now seem to be desirous of executing the project themselves, it is very necessary that the survey work is put on hand immediately to establish our own rights in the matter of harnessing the Mekedatu Falls. In view of the urgency sanction was sought and with the concurrence of the Hon'ble Minister for Electricity and the Dewan the above Government Order has issued. After the Government Order issued on 20th January 1948 the Secretary to Government, Electrical Department has written to the Chief Electrical Engineer ^{On 5-2-48} requesting him to state the scope of the service now proposed as detailed surveys and connected drawings were made twice before by Mr. B. Krishna Rao, the last one being in about 1922 and he adds that as regards fresh estimates for the project taking into consideration the present conditions it is not clear whether the survey now proposed will be materially different from the surveys conducted so far, and there the matter stands.

~~Now that~~ The other two questions, viz., with regard to the need for a fresh survey and also the need for enhanced cost are also dealt with in the above note. I therefore feel very strongly that when a neighbouring Government takes up a definite stand by stating that the terms and conditions of the earlier letter do not hold good now in view of the considerable lapse of time and changed conditions and also indicating clearly that they would proceed with the development of

electric power at Mekedatu themselves it will not be proper for Mysore Government to launch on an investigation of the kind proposed. We are sure to get into clash with Madras in the course of the investigation itself, ~~and may be cutting a sorry figure.~~ I have set out the above fact at some considerable length only to show that there was not at any stage a properly concluded agreement which would be accepted to be binding on the Madras Government. Even granting that there was some earlier commitment in some letters written by the Residency I do not think they could be treated as finally concluded agreements ~~invariably~~ between the two Governments. We cannot also forget that subsequent to India gaining her freedom the whole set-up is different and we cannot ^{always} rest out claims on things done years ago under the auspices of a Foreign Government.

I must also state that before we can accept this estimate of Rs. 85,000/- against an estimate of Rs. 15,000/- and odd prepared only a couple of years ^{previous} and that when there have already been previous investigations of a comprehensive character, we have got to be very careful. I would there suggest that the scheme for carrying on surveys may be held up for the moment till the matter is reconsidered in all its bearings.

Council File No. 908
For Consideration
at a Meeting of Council

O/c

W. 7/13

He. D.

Bangalore,
3/3/1948.

Minister for Finance & Industries.

SUBJECT:-- Harnessing the Mekadatu Falls of
the Cauvery River for generation of
electricity.

OPINION OF THE COUNCIL.

For formal, as desired.
Min L & D)

12/3/48

Instructions in Council

Deferred till the matter is
discussed with Hon Porakalatsalan
~~who~~ P.W.D. minister, Govt of Madras
who is due to visit Coimbatore
Hydore in the 1st week of
April.

Kell -
25/3

25/3/48

May be kept in Council sus.

27.3.48
27/3

C.B.
Read from
the Estt. of
the Min. for
L & D
14/5/48.

Mekadatu Scheme.

On the award given by the Arbitrator in the Madras-Mysore arbitration case relating to the Cauvery Reservoir (Krishnarajsagar), the Government of Madras appealed to the Secretary of State for India after the award was ratified by the Government of India.

.It was contended by Mysore that there was no case for appeal by Madras. The Secretary of State, however, held that the Government of Madras were within their rights in appealing to him. He intimated that if the Durbar wished, (1) they may submit a representation against the cancellation of the ratification of the award, or (2) submit to arbitration by a new tribunal, or (3) enter into negotiations with the Government of Madras for a decision being reached out of court. (Page 41, Vol. I, Part Iv - Select Papers from correspondence).

The last alternative was adopted and the negotiations were started. As a result of these negotiations, a technical agreement between the two Chief Engineers was arrived at on the 26th July 1921.

In the next stage of the ratification of this agreement by the Governments, Madras proposed that a limitation on the further expansion of irrigation in Mysore beyond what is cannoted by Krishnarajasagar should be accepted by Mysore and suggested 30,000 acres as the limit. Mysore contended that the scope for the future expansion in Mysore was nearly 276,390 acres and the feasibility in the near future extended to 110,000 acres. These points were again discussed and agreed to between the two Chief Engineers in September 1923. (Pp.7, Vol.II).

At this period, the question of Royalty to be paid to the Government of Madras for power development at Sivasamudram formed the subject matter of correspondence

with the Government of Madras. As a corollary, the development of power at Mekadatu also entered into the picture, and H.E. the Governor of Madras, Lord Wellington, made the offer (1) to concede to Mysore all the rights at Mekadatu, (2) to allow the irrigation to an extent of 30,000 acres, etc. This was communicated in June 1923 by the Government of Madras. (Page 11). (Limitation to fix the acreage meant that the rights of Mysore under the 1892 Agreement were to be surrendered for a definite extent as indicated therein). The Mekadatu concession was in a way in lieu of the waiving of such a right.

It may be mentioned here that with a natural flow, the Madras rights extend to a share of about 2,000 H.P. only. (Page 19). In December, it was suggested that this question could be taken up along with the other questions at issue. It is seen that this matter of Mekadatu formed the subject matter of discussion at the highest levels between His Highness and H.E. the Governor of Madras, and H.E. the Governor confirmed his offer, made before, of waiving the rights, at this stage (P.22).

The draft agreement covering these two matters was sent to the Government of Madras. (Pp.25 & 27). The final conclusions before the agreement of 1924 was signed by Madras are contained in a note (p.45) in which all the matters were finally clinched. In regard to Mekadatu, it was stated "The offer of the Madras rights over the waters at Mekadatu to Mysore will be considered as still holding good. Madras, however, would prefer that this should not be included in the final agreement and Madras will be prepared to write finally to the Government of Mysore to the effect that that offer still holds good, etc." (P.45). The agreement was signed on 12th February 1924 by the representatives of Mysore and Madras where, under the joint signatures, it was stated that this agreement was

subject to the ratification of a decision in regard to Mekadatu. This was separately communicated by the Government of Madras in a letter dated the 18th February 1924.

(To be written on this margin)

NOTE

Dated.....21st...March.....1948.

HEKEDATU PROJECT.Note by the Minister for Electricity.

There was an agreement dated 18-2-1892 between the Madras Government and Mysore Government according to which the Mysore Government was at liberty to impound for use in its territory all the waters of the Cauvery River and its tributaries over and above the quantity required for the existing irrigation to which Madras had acquired a prescriptive right. Certain rules and schedules defining the limits within which no new irrigation works were to be constructed by the Mysore Government without previous reference to the Madras Government were also framed and agreed to.

In accordance with clause (3) of that agreement, the Mysore Government asked the consent of the Madras Government to the construction of a dam and reservoir across and on the river Cauvery at Kannashadi now known as Krishnaraja Sagara Dam and Reservoir. The Madras Government which had conceded the right of the Mysore Government to construct such dams and reservoirs and had only to get the water necessary for irrigating the lands that were then under cultivation went back on their word and raised some disputes. The matter was referred as per clause (4) of the Agreement to the Arbitration of Sir H.D. Griffin who gave an award in the year 1914. This award was ratified by the Government of India and the Mysore Government felt satisfied. The Madras Government however appealed to the Secretary of State who really had no jurisdiction to interfere. But he did and re-opened the question.

At that stage the Mysore Government had one of two courses open to it, one submitting to arbitration by a new

Tribunal or enter into negotiations with the Madras Government for a decision being reached out of court. The second alternative was adopted and negotiations were started. As a result of these negotiations a technical agreement between the two Chief Engineers was arrived at on the 20th of July 1921. Both the Governments were further desirous of arriving at a settlement with regard to the construction in future of new irrigation works across the Cauvery and its tributaries for the purpose of safeguarding their respective interests and in pursuance of such desire, the Madras Government by letter dated 20-1-1923 offered to the Mysore Government the following proposals viz.,

- (1) The Madras Government to agree to the completion of the K.R.S.DMs,
- (2) The Mysore Government should not irrigate under the Cauvery and its tributaries more than 30,000 acres over and above the lands under irrigation in 1910,
- (3) The Madras Government should agree to the Mysore Government utilising the full flow of the river at Hekelatu for developing power without payment to the Madras Government for such use of water.

It will be seen that the question of Hekelatu came into the picture at this stage. It arose thus: The Madras Government wrote to the Mysore Government stating that they were in need of electric power for working the Salem Iron Ore and found no suitable sites except the one at Hekelatu and requested that the Mysore Government might not raise any objection to the Madras Government utilising the Hekelatu falls for generation of power in view of the fact that Madras has already agreed to the full development by Mysore of the "far more valuable falls at Livasamiran." To this the Mysore Government sent a reply dated 27-2-1919 stating that it is essential that the Hekelatu scheme is financed, erected and worked by the Mysore Government and that the details about the distribution of power etc., might be taken up later.

The Madras Government sent no reply. The Mysore Government wrote on 12-10-22 calling for a reply from the Madras Government. The Madras Government wrote on 13-12-22 that the question may be settled along with the other questions in connection with the M.R.S.Dam.

It may be stated that His Excellency Lord Willington was in Mysore in December 1922. He had offered on behalf of his Government to concede all rights of Madras over the waters at Hakejatu to Mysore. In this connection an extract from Confidential P.O. letter dated 27-12-22 from the Private Secretary to His Highness the Maharaja to the Dewan of Mysore is quoted below:

"His Excellency Lord Willington's offer as far as I had been able to understand it is that Mysore should agree to the limit *ganges* as proposed or to be proposed by them and they are in return prepared (1) to concede to Mysore all their rights over the water at Hakejatu....His Excellency said that this was promised that Sir Charles Tothunter was authorised to suggest to you".

It is in regard accordance with this letter of the 13th December 1922 from the Government of Madras that the Madras Government made an offer as stated above, including the question of Hakejatu.

As a result of these proposals several conferences were held and several communications exchanged. His Highness who was anxious to secure Hakejatu for Mysore wrote on 24-9-23 to His Excellency Lord Willington, then Governor of Madras: "There is one point however in regard to which an understanding ^{is} has yet to be reached and that/the Royalty to be paid for use of the Madras half of the river for power generation at Sivasamudram and Hakejatu; if this point can be satisfactorily settled the understanding on the Cauvery dispute will be complete and final."

To this letter Lord Willington wrote on 23-9-1923: "I would beg of you to agree not to mix up the questions of irrigation with those of power for hydro-electric schemes" and suggested his sending Mr. C. P. Ramaswamy Iyer for starting discussions. On 10-10-1923 His Highness again wrote to Lord Willington as follows: "Your Excellency may remember that last December when you were in Mysore you offered on behalf of your Government to concede all rights of Madras over the waters at Makedatu if Mysore agreed to restrict their irrigation thereby giving up their rights under the agreement of 1892. As a result of further negotiations the question of restriction of new irrigation in dispute between the two Governments has now been settled between the two Chief Engineers at the recent Conference and my Government has been under the impression that the Madras Government's original offer so far as Makedatu waters are concerned still holds good." To this Lord Willington sent a reply dated 13th October 1923 wherein he stated: "As to Makedatu, I have every recollection of the offer that was made by my Government and again assure you that if Your Highness is willing I would ask Mr. Ramaswamy Iyer to go to Mysore and discuss this matter with your Dewan at the earliest opportunity and thus you will find that my Government is as anxious as before to show a sincere desire to arrive at a friendly agreement on this matter.

On the 18th October the Dewan wrote to Mr. C. P. Ramaswamy Iyer enclosing a draft agreement containing clause (14) which ran as hereunder:

"The Madras Government do hereby agree that the Mysore Government shall be at liberty to utilise the full flow of the Cauvery river at Makedatu for developing power without payment of compensation or royalty to the Madras Government for the use of such portion of the full flow as might belong to the share of

of the Madras Government."

Earlier i.e., on the 13th of October 1923, he had written another letter to Mr. Ramaswamy Iyer wherein the Dewan had stated: "There is however one point which has to be made clear. I presume and I trust that you will agree with that my presumption is correct, that the term relating to the rights of Madras over the Hakodatu which is one of the three terms offered by Madras to Mysore through the Residency letter of the 20th January last still holds good. I am accordingly including this in the draft agreement which will cover all the settled details and I request that you will kindly examine it and return it to me as early as convenient."

agreement the Dewan wrote a
In forwarding the/aforesaid letter on the 13th October 1923 wherein he stated, "If on any of the points involved you think a personal discussion between us will facilitate early settlement we could arrange a meeting early next month either in Madras or Bangalore." To this Mr. Ramaswamy Iyer replied on 24-10-1923 wherein he stated: "As to the question of Hakodatu I think that the course referred to in your second letter viz., a personal discussion would afford the best means for its solution" and went on to say: "It by no means follows that the two Governments cannot even now reach an agreement on this question. But I trust you will agree that it is a matter for separate adjustment between our two Governments."

The Dewan on 3-11-1923 wrote to Mr. Ramaswamy Iyer pointing out how the agreement regarding the area restricting irrigation was advantageous to Madras and that therefore they could be no question of any one sided settlement in the matter of conceding Hakodatu^{to}/Mysore and went on to say: "I have every confidence that a personal discussion will bring about a perfectly satisfactory settlement." He followed it up by another letter dated 8-11-1923 stating that he would be in

Madras

Madras on the 12th for a personal discussion. His Excellency Lord Willingdon expressed a desire to be present at the meeting which was therefore postponed to the 13th of November 1923. Accordingly the Dewan met Mr. Ramaswamy Iyer and Lord Willingdon on the 13th, notes of which the Dewan has made and sent both to the Government of Mysore and the Government of Madras. In his notes to the Government of Mysore, the Dewan has stated that "Mr. Ramaswamy Iyer referred to the Hakudatu question and said that if Mysore yielded on the question of the restriction on irrigation he for one six would be prepared to give up the rights of hakudatu to Mysore". and he goes on and says "I then explained the position of Mysore regarding Hakudatu and urged that Mysore always believed that the offer was kept open as it was not expressly withdrawn." His Excellency added that he did not want to go back on the offer he made to His Highness the Maharaja, provided Madras got what it wanted at concession rates which was described to be cost price plus interest and depreciation charges plus a certain percentage of profits. Mr. Ramaswamy Iyer then offered Hakudatu unconditionally if Mysore yielded as regards Cauvery and its tributaries.

In his note submitted to the Madras Government, the Dewan stated the offer of the Madras rights over the waters at Hakudatu to Mysore will be considered as still holding good. Madras however would prefer that this should not be included in the final agreement and Madras will be prepared to write officially to the Government of Mysore to the effect that that offer still holds good and that they will be prepared also to re-examine the contract relating to the royalty to be paid for the electric power generated at Sivasamudram with a view to come if possible to a settlement for a period of twenty five years on the question of power of Sivasamudram. The Madras view is firstly that if in surrendering Hakudatu they may be given up to a certain reasonable maximum limit the power required

required by them from the generating station at Hakekatu at a concession rate which will mean a rate based on actual cost of production, interest charges and depreciation plus a certain percentage of profits, Madras will also go into the question of royalty to be fixed during the period of the new contract for the power generated at Sivasamudram." He also sent a wire to the Private Secretary to His Highness in the following terms: "Long meeting Governor present Gained most points Hakekatu holds good Notes discussion by post." He wrote also a covering letter dated the 14th November 1923.

On 12-11-1923 In acknowledging the notes sent by the Dewan to him Mr. C. P. Ramaswamy Iyer wrote on the 18th November 1923 and stated inter alia as to Hakekatu, "the difference is perhaps rather one of language than of substance and it is necessary to clear up matters. I shall have a discussion with His Excellency and then write to you." In accordance with that promise he wrote again to the Dewan of Mysore a letter dated 23rd November 1923 in which he referred to the sharing of power at Sivasamudram on terms to be mutually agreed etc. The Dewan of Mysore promptly refuted the idea of sharing of power at Sivasamudram by his letter dated 13-12-1923 wherein he stated "so far as I recollect there was no question whatever of sharing power generated at Sivasamudram and the whole discussion turned after the Madras rights over the Hakekatu rights were conceded on the question of revising the royalty agreement which is yet to remain in force till the year 1935. I distinctly remember that His Excellency the Governor raised the question of the sharing of the power to be generated at Hakekatu."

On 8-1-1924 Mr. C. P. Ramaswamy Iyer wrote to the Dewan in the following terms: "As to the Hakekatu though as has already been stated Col. Morrison's offer was conditional upon the limitation of Mysore irrigation to 30,000 acres nevertheless this Government is perfectly willing to start discussion on

the basis of surrendering the right of Madras over the Wakkattu and sharing power up to a reasonable maximum limit the power required by us from the generating station at Wakkattu at a concession rate calculated on the actual cost of production, interest charges and depreciation plus a certain percentage of profits."

On the 18th February 1924 a tentative agreement was arrived at between the Chief Engineers of both the Governments and a note was also signed on the same day in the following terms:

"To sign this agreement on the understanding that the Madras Government will formally ratify the reply of the Hon'ble Mr. C. P. Ramaswamy Iyer as set forth in para 8 of his semi-official letter dated 8th January 1924 to the Dewan on the Wakkattu question."

On the 15th February 1924 the Dewan of Mysore in asking permission from His Highness to sign the agreement on behalf of the Government stated: "I shall make a personal appeal to Lord Dillingham in regard to the Wakkattu question^{so} that I may obtain an official letter from the Madras Government in regard to the surrender of Madras right over the Wakkattu waters on the terms of the settlement already arrived at. I am consulting Mr. Forbes as to the maximum limit (2,000 H.P. I believe was suggested) up to which we may agree^{to supply} the power to Madras at cost price plus depreciation charges plus interest on capital plus a certain percentage of profits."

The Dewan got the permission, went to Madras and signed the agreement which was dated 18-2-1924 and on the same day received a letter from the Government of Madras signed by the Chief Engineer and Joint Secretary to Government, Public Works Department, Mr. Haskins in the following terms:-

"With reference to semi-official correspondence that has taken place between the Hon'ble Mr. C. P. Ramaswamy Iyer, C.I.E.,

Third member of Council, Madras and yourself regarding
inter alia the question of Makedatu. I am authorized by my
Government to inform you that the Madras Government agree
to give up their rights to generation of power from the
Makedatu subject to satisfactory terms being arrived at
for the sale of power by the Mysore Government to the
Madras Government to a reasonable maximum limit at a conces-
sion rate calculated on the actual cost of production, interest
charges and depreciation plus a certain percentage of profits."

The notes wrote to the Private Secretary to His Highness on 19-2-1924 in the following terms: "Before I signed the agreement on behalf of Mysore I pointed out that it was necessary to settle the Makedatu question. At present the position is no doubt well clear in the N. I. correspondence which introduced many controversial points admitted or denied by the respective parties. It was necessary that the Government as suggested before should ratify the arrangements so that there may be no doubts or misgivings as to the intention of the parties in regard to this matter. There was considerable discussion on this point and I suggested that the Executive Council of His Excellency's Government should record a resolution not only approving of this agreement and authorizing the Secretary to sign the resolution on behalf of the Government but also agreeing definitely to surrender the Makedatu rights on conditions already specified. I made an appeal to His Excellency the Governor that the offer had emanated from him personally to His Highness the Maharaja and before he left, I think it would be necessary and desirable that His Excellency should bind his Government in regard to this surrender so that further controversies may be avoided. I had to put it rather bluntly for the reason that the Madras Government had attempted to back out of it on more than one occasion. After a lot of discussion His Excellency the Governor-in-Council agreed to my suggestion

and

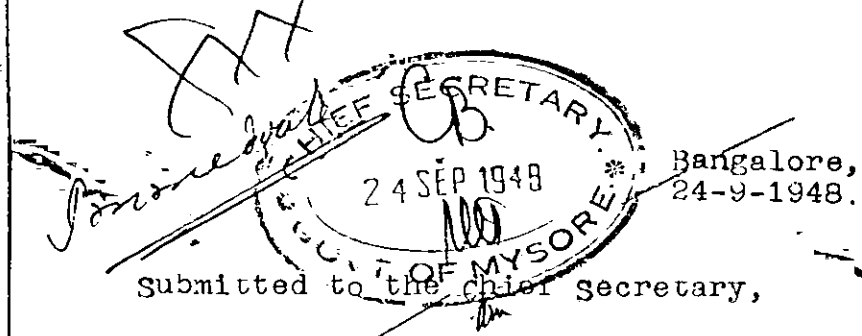
and promised to hold a Council Meeting immediately for recommending that a resolution to this effect. A copy of the letter^{that} has been handed over to us before I signed the agreement on behalf of Mysore relating to this subject is herewith enclosed for His highness' gracious perusal. It may be noted that I insisted on the change of the word "sharing" which appears in Mr. Lawrence Iyer's letter of 8th January and substituting the word "selling" therefor in the Mysore Government Resolution. The change is ^{has} important and ~~ix~~ accordingly been done. x x x x Thus ends the dispute which lasted for fourteen years and we parted with mutual assurances of good will cordial effort for the promotion and security of each others interests, rights and privileges under the present agreement."

It will thus be seen that there is a definite and conclusive agreement between the two Governments whereby the entire rights of Jafra over the waters of Lakshatu have become vested in the Mysore Government and no lapse of time or circumstances can justify the Mysore Government going back on it. The change in the form of Government cannot take away the rights which the Mysore Government have acquired after years of controversy and negotiations and I have no doubt that before any just and impartial tribunal the Mysore Government can claim a right to generate power from the waters at Lakshatu to the exclusion of the Mysore Government.

Regarding the question of the difference in estimates, it is a matter of some detail and we can have the same worked out once again between the Chief Engineer for Irrigation and the Chief Engineer for Electricity. The need and the right of surveying the area with a view to the generation of electric power ~~xxxx~~ being granted, the question of the estimate is of secondary importance and can be considered at any time. I suggest that the survey already ordered should be continued and completed at a very early date.

Serial
No.

OFFICE OF THE MINISTER FOR LAW AND LABOUR



The Hon'ble Minister wants the file relating to the Harnessing of Mekadatu for Electricity. This file may be kindly ordered to be sent for reference, as the Minister is taking the file to Madras for a discussion with the Minister for P.W.D. Govt. of Madras. This is a Council Matter.

K. Seshadaro
personal Assistant to ^{24/9}
Minister for Law & Labour.

Subtd.

*The above file C908/47, is
herewith put up. For order to submit
the file to the Minr for Law & Labour.*

For perusal of the file

*24/9/48
9000
24/9/48*

*Minr.
Law & Labour*

24/9/48

*Subd
Seen by the Minister.*

9/10

Office
for & Labour.

No. *838*

Date *24/9*

HYDEL POWER RESOURCES IN MYSORE STATE.

1. In the Cauvery Valley --

On account of the large fluctuation in the river flow during the year, firm power can only be produced by storing flood waters for being utilised for power production during the dry months of the year. With a view to ensuring a minimum flow of 900 cusecs at Sivasamudram during summer months an average storage of about 8000 million cubic feet is utilised from the Krishnarajasagar Reservoir during the months of January to May each year, there being sufficient natural flow in the river during the rest of the year.

Hence to increase the firm power output either at Simsha or at Sivasamudram the storage capacity has to be increased proportionately. The quantity of water that could be stored in reservoirs ^{to be} constructed across the tributaries of Cauvery ~~or~~ in Mysore without infringing the terms of agreement ^{with} ~~in~~ Madras Government, will be about 20,000 M.Cft during a normal year. This storage can with advantage be used for power generation as it cannot be depended upon for irrigation. The sites at which these storages can be put up are:-

1. Near Saragur on the Kabbini river.
2. Near Gorur on Hemavathi.
3. Subsidiary storage reservoirs can also be constructed on non-scheduled rivers like Taraka, near Antarsante.
4. Simsha near Hadagur.

Taking all these reservoirs to be effective, a continuous flow of about 2,000 cusecs can be maintained during summer months in the river.

This ultimate flow can be utilised to develop about 1,20,000 H.P. at Shimsha power station. If this water is again utilised at Mekedatu with an additional storage, another 70,000 H.P. can be generated with a fall of about 300 feet. Further about 10,000 H.P. could be generated at several dam sites detailed above.

Thus in all 200,000 H.P. can ultimately be developed in the Cauvery valley. In addition fluctuating ~~at~~ seasonal power to an extent of 50,000 H.P. can be developed at Sivasamudram during about 6 months in the year.

2. Saravathi valley:-

A more fruitful and economical source of power for the present is to

to further harness the Saravathi river flow. The present project is for 1,60,000 H.P. It is possible to generate at least an additional 2,00,000 H.P. in this basin by construction of additional storage reservoirs and power stations.

3. Tunga Bhadra Basin:-

About 20,000 H.P. could be developed in the Tungabhadra valley at Lakkavalli.

When all the above schemes are completed Mysore state can have a firm power^{put}put/ of about 6,00,000 H.P. and a seasonal power out put of any desired quantity.

In order to economise in cost the following order seems to be fair:-

1. Generation of Power at Krishnarajasagar Dam.
2. Harnessing additional power in Saravathy Vallley.
3. Additional Power generation at Shimsha.
4. Generation of Power at Mekedatu.
5. Additional Power Generation at several proposed reservoir sites in the Cauvery and other Valleys.
6. Seasonal power Generations.

REPLY

OFFICE OF THE MINISTER FOR
LAW AND LABOUR.

(To be written on this margin)

NOTE

Dated.....6th.....October.....1948

REPORT OF THE VISIT OF THE LAW AND REVENUE MINISTERS
TO MADRAS.

29TH SEPTEMBER 1948:

Hon'ble Sri R. Sivasah and myself together with the Chief Electrical and Irrigation Engineers left for Madras on the 28th night. We were met at the Madras Railway Station by Hon'ble Sri Bhaktayatsalaa and the Chief Electrical and Irrigation Engineers of Madras. We drove up to the Guest House, Government quarters. After breakfast we met in the Port St. George at 11-30 A.M. The Premier Hon'ble Shri O.P. Ramaswami Reddi was present at the beginning for about one hour. We talked over the Kaveri Hydro-Electric project.

The Madras Government's view put forward by the Chief Electrical Engineer was that the agreement of 12th February, 1924 was not enforceable, that there was no consideration for Madras surrendering their rights in the waters of the Cauvery at Kaveri and that Mysore and Madras have to arrive at some fresh agreement.

We stated that the entire position was reviewed at an earlier meeting held in Bangalore and that while Mysore Government was to generate power all that remained to be discussed and decided upon was

(i) How much power was to be sold to the Madras Government at Kaveri and

(ii) At what rate of profit it should be sold.

The Madras Government wanted that half the quantity of power generated at Kaveri should be sold to them at cost price. We said that it was not possible to do so and offered to sell about four to five thousand H.P. at 15% profit.

Hon'ble

Hon'ble Shri Bhaktavatsalam wanted that we should expedite giving them power at the various points on the border in respect of which agreements are under way. He stated that once the Jekkatu question was settled it would be easy enough to settle the rest.

Eventually it was tentatively agreed that at Jekkatu we are to sell 5,000 K.W. and 15,000 K.W.s at various places across the border. They wanted that the 4,000 K.W.s to be delivered at Ujjini may after the lapse of the period be given at Hosur the entire bulk given at that place being at cost price just as at Jekkatu. He said we could give the power at Jekkatu, namely 5,000 K.W. at some concession rate say 10% profit but that the rest of the power should be paid for at the ^{Ujjini} ~~Jekkatu~~ rate.

At this stage we rose for the day at 2-30 P.M. the talk to be continued the next day.

After lunch in the afternoon we visited the Thermal Power Station at Vyasarpaty, the cooling towers, the soil mechanics laboratory etc. We were entertained to tea by Mr. & Mrs. Wright of the Power Station.

The soil mechanics laboratory was very instructive and we suggest that a similar laboratory be established in Mysore. The Chief Irrigation Engineer has been requested to put up a note in the matter.

It was past 6 p.m. by the time we returned to the Guest House.

30TH SEPTEMBER 1943:

In the morning we left for the Sathyamurthy Reservoir at Ponnai about 30 miles west of Madras. Hon'ble Shri Bhaktavatsalam and Hon'ble Shri Seetharama Reddy were with us besides the Chief Electrical Engineers and Chief Irriga-
tion

Irrigation Engineers of both Governments. We saw there several interesting demonstrations of the excavations for putting up dams across the Mahanadi, Krishna etc. We returned by about 1 P.M.

After lunch we met in the Fort St. George at 2-30 P.M. First we took up the irrigation projects of both Governments. We came to speedy conclusions each party accepting the other's proposals. There were two subjects, one the Kuzuvati - Pennar projects and the other the Velavathi projects.

The Madras Government want to put up a reservoir below the junction of the Kuzuvati and Pennar so as to ensure steady flow of water for the atchkat below the junction. The Mysore Government desire to restore the Nagarbhavi tank and construct feeder channels to connect about fourteen other tanks in Goribidanur Taluk, above the said junction. It was agreed that both parties may proceed with their respective projects, provided that whenever the flow in the river goes below 700 units (required for irrigating the existing atchkat) the entire quantity will be allowed to flow uninterrupted.

The Madras Government want to put up a reservoir at Bairavanthippa across the Velavathi and ensure steady flow of water to irrigate the lands below. The Mysore Government desire to put up an anicut at Narayanapura, Challakere Taluk, a few miles above the place. Both parties agree to each other's project.

The necessary documents of agreement are being drawn up. The Engineers of both sides are to meet shortly at Bangalore and finalise the working of the documents.

We then took up again the question of the Hekeatu Hydro-electric project. The Madras Government wanted 8000 H.P. to be given to them at Hekeatu at cost price

bosides

besides 12,000 K.W. at other centres of the border at concession rates. Finally I offered the following terms:-

1. That Makedatu should be treated as an independent subject and not tacked on to any other relief which Mysore may give Madras by way of supply of power. That we can give not more than 5,000 K.W. at Makedatu at 7½% profit besides cost price, interest on capital and depreciation charges.

2. We shall give to Madras in all neighbourliness a quantity of power not exceeding 15,000 K.W. as follows:-

6,000 K.W. at South Canara

4,000 K.W. at Ujjini

1,000 K.W. at Hindipur

1,000 K.W. at Madanapalli

1,000 K.W. at Hosur

800 K.W. at Kollegal and

1,200 K.W. at Hosur or any other of the points all at the same rates as now we have agreed to give at Ujjini. I further agreed that if and when the Ujjini contract lapses and Madras Government so desire we shall give the 4,000 K.W. power at Hosur at the same rate as at Ujjini.

The Madras Government did not agree and said they would submit to arbitration. I said that our case was clear and we cannot agree to any other terms.

Hon'ble Shri Bhaktavatsalam told me later that we might agree to give 5,000 K.W. at Makedatu at 2½% profit and power at Hosur (first 2,200 K.W. and later - after Ujjini - 6,200 K.W.) at 5% profit. I said I could not agree and that I shall place his views before ^{the Hon'ble} Shri K.C. Reddy who had had a talk with him the previous fortnight.

J. N. Chavan
MINISTER FOR LAW & LABOUR.

DEWAN'S OFFICE
29 NOV 1948
No. 22/11

908/47.

Office of the Minister
for Law & Labour.
No. 2082
Date 12/11/48

SUBJECT:-

Harnessing the Mekedatu Falls of
the Cauvery River for generation of electri-
city.

.....

OPINION OF THE COUNCIL.

(M. L. S. is
giving a note on
this subject in
the light of later
decisions at Manas)
W. S. S. 11/11

The Law Minister may
please arrange a date
mutually convenient
for a final conference
with the representatives of
the Govt of Madras.

ALL
11/11

Law (L.S.)

12/11
W. S. S.

K.T.B.
12/11

~~Shri P. Mahalingam~~
Shri P. Mahalingam has written
may be going over to Bangalore.
Since this is not so urgent
a matter we may have
it after his return. However
I shall ascertain from
him his convenience
in view of the fact that
the Chief Minister's Dept.

Shri P. Mahalingam has written
in reply to ours that he will be here
on the 2nd Dec with his Secretary &
the C.E.E. Mr. Sundaram. Letter is
afforded. One chief Secy. may be
devised to arrange for this day
as State guests.

21/11 Chief Min
&
Dewan
W.C.

ALL
21/11

K.T.B.
20/11

I will be away at
Delli most probably at
about that time. If we
can have the Conference
at the end of the 2nd
week in December, it will be

C908 Harnessing of the Mekedatu falls
for generation of Electricity.

Sri Bhaktavatsalam has
written fixing 10th Dec 48.
If this is suitable we may
accept.

Chief Min
&

Dewan W/C

R.T.D.
36/11

Office of the Minister for Law & Labour.	
No.	2835
Date	6/12/48

Sri Bhaktavatsalam has written to me to postpone
the discussions about Mekedatu Project in Bangalore
towards the last week of December, between the 28th
and 31st. His letter and the reply sent are placed
below. The meeting may perhaps be fixed for the
30th Dec, 1948.

Chief Minister }
& }
Dewan. }

R.T.D.
7/12

DEWAN'S OFFICE	
7 DEC 1948	
No.	2457

AM
7/12

write to Sri Bhaktavatsalam
accordingly.

R.T.D.
8/12

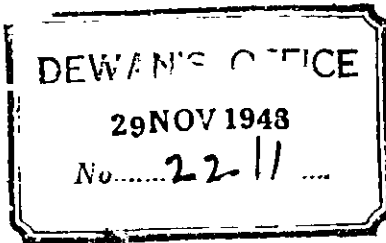
Letter to the Hon'ble
Minister, P.W.D., Madras &
the Dft. is placed below

1/12
9.12.48

Office of the Minister for Law & Labour.	
No.	2925
Date	

Sri Bhaktavatsalam has written that 30th
instant will suit him for a discussion on the
Mekedatu project. If this is agreed, we may
accept it. He has written that he will be
arriving in Bangalore on the 30th morning by
train along with his secretary and the Chief

Engineer



908/47.

Office of the Minister
for Law & Labour.

No. 22/1

Date 12/11/48

SUBJECT:-

Harnessing the Mokedatu Falls of
the Cauvery River for generation of electri-
city.

.....

OPINION OF THE COUNCIL.

(M. L. S. is
giving a note on
this subject in
the light of later
discussions at Manas)
WJ 8/10

The Law Minister may
please arrange a date
mutually convenient
for a final conference
with the representatives of
the Govt of Madras.

ALL
11/11

Law (L.S.)

12/11
L.S.

K.T.B.
13/11

~~Shri Pothakavatalam~~
Shri Pothakavatalam
may be going over to Baroda.
Since this is not so urgent
a matter we may have
it after his return. I shall ascertain from
him his convenience
in view of the Hon'ble
the Chief Minister's absence.

Shri Pothakavatalam has written
in reply to ours that he will be here
on the 2nd Dec with his Secretary &
the C.E.E. Mr. Sundaram. Letter is
afforded. One chief Secy maybe
devised to arrange for this day
as State guests.

21/11 Chief min
&
Dewan
WJC

K.T.B.
20/11

I will be away at
Delhi most probably
about that time. I
can have the Conference
at the end of the 2nd
week in December, if Mr.

all right. Mr. K. K. in December, if Mr.

File No.

cf 194 .

771

三

22 DEC 1948

2978

No. 2925

Date.....4/12.....

JG.R
11/12

$\frac{K_{eq}}{21/12}$
 $\frac{A_{eq}}{25/12}$

Minister
LABOUR.

3530.
25/12/68

K.T.P.
25/12

CHIEF MINISTER)
&)
DEWAN.)

Necessary instructions have
already been issued to the Secy to
on a letter from Hon. P. Chatterjee, Secy
K. C. received by me

25/12

OFFICE OF THE
CHIEF MINISTER

No. C.1446

Date 25/11/28

C. 908/41.

25.5)

Instruction in Council -

Negotiations may be carried on, on the basis of informal conclusions arrived at in Council.

Office of	Minister
for Law &	Labour
No.	5/82
Date	

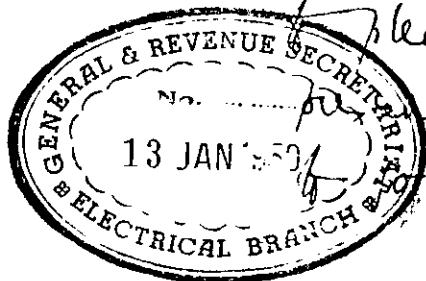


Minister for Law and Labour.

11/2

K.P.B.
1/2

This was recd. today from the Law Minr. It is understood from him that negotiations have been carried on, and that a draft agreement has also been drawn up and sent to the Labour Govt. The file is sent to the Adm. Sect. Please put up a note about its present shape, as this will have to be before Council again.



Ph. & El. Secy
10/5

11/2
- 12.1.50.
amr
12/1/50.

Bnc
12/1/50

Om
12/1/50

For further Notes and Correspondence please see S.No. 3113 of 1949-50.

Tele. phone

OFFICE OF

The Chief Electrical Engineer

No. ~~12160~~
Encls.

to the Govt. of Mysore,

Date Bangalore, 29 November 1944

To

The Secretary to Government,

Electrical Department,

Bangalore.

Sir,

Subject:- Development of Electricity below the
Mekadatu Falls in the Cauvery Valley.

Mr. V. D.

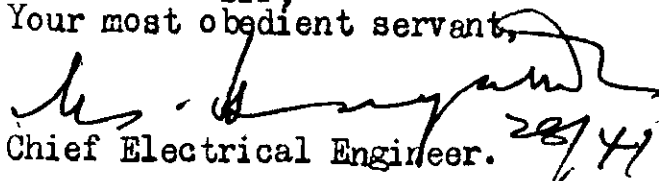
29.11.44

I have the honour to state that preliminary investigations in connection with this project were carried out in the year 1924, and the final surveys and investigation of the project were, however, not completed. I enclose herewith a copy of Drawing No. MK-100 marking thereon the salient features of the Mekadatu Project, and to state that several sites for the location of Generating Station, viz., G.S.1, G.S.2 and G.S.3 marked on the drawing were reconnoitred and preliminary Surveys conducted. It may be seen from this drawing that G.S.2 lies in the Madras Territory and for conducting the detailed investigations with a view to select the most favourable and economical site for power development, the Surveys have to be extended in the Madras Territory.

2. It is proposed to conduct the detailed Surveys of the project from January 1945 and I therefore request that permission of the Madras Government may be kindly obtained and communicated for extending surveys on both the banks of the Cauvery River in Salem and Coimbatore Districts.

I wish to add that when the preliminary surveys were conducted in 1924, the Madras Government had accorded us permission to extend the surveys on the Madras side of the Cauvery River. A copy of letter from the Residency in this connection is herein enclosed for ready reference.

I have the honour to be,

Sir,
Your most obedient servant,

Chief Electrical Engineer. 29/11

MH-MSM-AK.

Letter No. 2054 dated 6th March 1924 from the Secretary to the Hon'ble the Resident in Mysore, Bangalore, to the Secretary to the Government of Mysore, Public Works Department, Bangalore.

Subject:- Development of electricity at Mekadatu Falls in the Cauvery Valley.

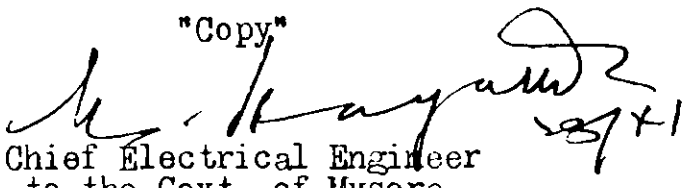
With reference to Mr. Forbes' letter No.E.D.S.1296 dated the 7th January 1924, I am directed to state that the Government of Madras have no objection to allow the officers of the Electrical Department of the Government of Mysore to take observations on the Madras side of the Cauvery at Mekadatu provided the results of the complete observations are made available to the Madras Government when asked for.

"Copy"

(Sd) K.R. Seshachar

Secretary to Government
Public Works Department.

"Copy"


Chief Electrical Engineer
to the Govt. of Mysore.

A.K.
24-11-44.

Tele. am
phone

OFFICE OF

The Chief Electrical Engineer
to the Government of Mysore,

Date Bangalore. 19/1/45.

No. 17210.
Encls. estimate interuplicate

To XXX

The Secretary to Government,

Electrical Department,

Bangalore. 19/1/45

Sir

Subject:- Development of Electricity below the
Mekadatu Falls in the Cauvery Valley.

In continuation of my letter No. 12160 dated 28th November 1944

on the above subject, I have the honour to forward herewith an estimate amounting to Rs 15,680/- for conducting detailed surveys and preparation of the Project Estimate for the development of Electricity at Mekadatu Falls, and would request you to kindly obtain and communicate sanction of Government, as the survey work is proposed to be taken up this month.

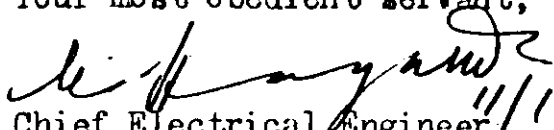
2. As reported to Government in my letter No. 12160 dated 28th November 1944, detailed surveys have to be extended in the Madras Territory with a view to select the most favourable and economical site for power development. The surveys that will have to be done will include surveys for the Power Channel, location of Forebay, Penstock routes, Power Station Site, and site for the location of Colony etc., After the field work is completed, detailed plans and estimates for submission of the Project to Government will be got up and the required staff for the works mentioned above is provided in the estimate.

3. It is proposed to debit the outlay on this work to the provision of Rs 10,000/- made in the current year's Budget under "Working Expenses - Investigation of Hydro-Electric Projects." and the extra grants necessary will be provided by re-appropriation of available grants.

I have the honour to be,

Sir,

Your most obedient servant,


Chief Electrical Engineer
to the Govt. of Mysore

MH-MSM-AK.

P.T.O.

SUBJECT Development of Electricity below the Melkadatu Falls in the Banwary Valley

Section

File No.

Serial No.

Diary No. of letter replied to.....

No. E.D.S. 1815 of 20.12.40.

General and Revenue Secretariat

()

the 194 .

To The Secretary to the Hon'ble the Resident in Mysore, Bangalore

Sir,

Date of issue.....

3

Signed by.....

Communicating the ~~copy~~ permission of the Govt. of Madras to extend the surveys on the Madras side of the Banwary River, in connection with the investigation for Elec^c project.

I am directed to refer to your letter No. 2054 dated the 6th March 1941. As will be seen from the enclosed ~~letter~~ copy of Drawing No. M.K. 100, ~~marking~~ the salient features of the Melkadatu Project, ~~and to state that~~ as well as the sites for the location of generating station, viz. G.S. 1, G.S. 2 and G.S. 3, ~~marked on the drawing~~ have been ~~as then~~ were reconnected and preliminary surveys conducted. It may be seen from the above

List of enclosures.....

Copied by.....

Examined by.....

drawing that G.S. 2 lies in the Madras territory,
and for conducting the detailed investigations now
with a view to select the most favourable
and economical site for power development,
more detailed surveys have to be extended ^{into contiguous parts of} the Madras
territory. It is proposed to conduct the detailed
surveys of the Project from January 1945. I am therefore
to request that the permission of the Madras Govt.
may kindly be obtained and communicated for
extending surveys on both the banks of the Cauvery River
in ^{the} Salem and ^{the} Coimbatore Districts.

I have etc

G 19/12/44
Secretary to Govt.
Electrical Dept.
19/12

Memorandum No. E.D.S. 1816 of 20.12.44.

Copy to the G.O. for information with reference
to his letter No. 12160 of 28/11/44

G 19/12/44
for Secretary to Govt.
Electrical Dept.

19/12/44

19.12.44

No. E.D.S. 1815.
Encls.

ELECTRICAL SECRETARIAT.

Bangalore, dated 20th December 1944

FROM

The Secretary to the Government of Mysore,
Electrical Department,
Bangalore.

To

The Secretary to the Hon'ble
the Resident in Mysore, Bangalore.

Subject:- Development of Electricity below the Mekadatu
Falls in the Cauvery Valley.

S i r,

I am directed to refer to your letter No.2054 dated the 6th March 1924 communicating the permission of the Government of Madras to extend the surveys on the Madras side of the Cauvery River, in connection with the investigation for Mekadatu Hydro-Electric Project. As will be seen from the enclosed copy of Drawing No.M.K.100, the salient features of the Mekadatu Project as well as the several sites for the location of the then proposed Generating Station, viz.G.S.1, G.S.2 and G.S.3 have been marked as then reconnoitered and preliminary surveys conducted. It may be seen from the above drawing that the G.S.2 lies in the Madras territory, and for conducting the detailed investigations now with a view to select the most favourable and economical site for power development, more detailed surveys have to be extended into contiguous parts of the Madras Territory. It is proposed to conduct the detailed surveys of the Project from January 1945. I am therefore to request that the permission of the Madras Government may kindly be obtained and communicated for extending surveys on both the banks of the Cauvery River in the Salem and the Coimbatore Districts.

I have the honour to be,
S i r,
Your most obedient seryant,

Sd. K. D. Joshi,

Secretary to Government,
Electrical Department.

A.N.

No.EDS. 1816.

Dated Bangalore, 20th December 1944

Copy of the above, is forwarded, with compliments, to the Chief Electrical Engineer, for information, with reference to his letter No.12160 dated 28th November 1944.

o/c
KJ 20¹² 44
Secretary to Government,
Electrical Department.

A.N.

Auditor's Certificate.

Verified with reference to the allocation.

2. As the grant of Rs.10,000/- provided in the budget for 1944-45, under "36 Miscellaneous Electrical Expenditure - Investigation of Hydro Electric Projects" is inadequate to meet the cost of the present estimate, additional funds have to be provided for.

3. The usual certificate that the estimate has been prepared in the most economical way of executing the work has to be furnished on the estimate.

J. Venkataswamy
AUDITOR,
Electrical Department

Estimate for the probable cost of conducting Surveys at Mekadatu
for development of Electricity "Investigation of Hydro-
Electric Projects."

Temporary Establishment:-

(1)	1 Asst. Engineer $200 - \frac{40}{2} = 400$ + C.A. 32 + L.A. 30% for six months.	Rs2,688/-
	4 Surveyors Rs75 + C.A. 15+ L.A. 30% (for 6 months)	2,750/-
(2)	(As: Salan) Labour charges for Surveys including jungle clearing etc., 50 men @ Rs1/- per day for 3 months.	4,500/-
(3)	Surveying instruments, tools and plant and Camp equipment etc., (Nett charges)	2,000/-
(4)	Drawing materials, stationery and Medical charges.	500/-
(5)	Miscellaneous materials such as thick and thin bamboos, coco leaves, ropes, ~~thick and thin~~ , kerosene oil, cement etc.,	2,000/-
(6)	Unforeseen Works.	500/-
Total.. ..		14,938/-
Contingencies at 2 5%		742/-
Grand Total		Rs15,680/-

Certified that the estimate is prepared after inspection of the locality and providing for the minimum required staff for the surveys & the most economical way of doing the work.

MH-MSM-AK.

Sd/-M.S.Madhava Rao,
Asst. Engineer.

M. S. Madhava Rao
Chief Electrical Engineer
to the Govt. of Mysore. 11/1

8/11/11

SUBJECT.....

Assignment of Electricity below 11
Mekadatu Falls in the Banavary Valley

Diary No. of letter replied to.....

Section.

File No.

Serial No.

General and Revenue Secretariat.

()
the 194 .

Proceedings of the Government of
His Highness the Maharaja of Mysore.

Date of issue..... 194

Read— Letter No. 17210 dated the
19th January 1945 from the C.E.S.

Signed by

submitting for sanction an
estimate for Rs. 15,680/- (Rupees
fifteen thousand six hundred
and eighty only) for conducting
detailed surveys and

May this be—

- (i) printed ?
- (ii) treated as a Standing Order ?
- (iii) published in the Gazette,
English Part ?
- (iv) translated ?
- (v) placed at the disposal of the Press ?
- (iv) published in the Gazette,
Kannada Part ?

preparation of the Project
Estimate for the development
of Electricity at Mekadatu
Falls, the outlay on the works
being debited to the provision
of Rs. 10,000/- made in the
current year's budget under
"Expenses - Investigation of

Hydro-Electric Projects" and the extra grants necessary being provided by appropriation of available grants.

Order No. E.D.S. 3038-40 of 2nd March 1945.

Sanctioned.

2. The L.B.L. is requested to entertain the minimum staff necessary and keep the cost as low as possible.

2/3/45
2/3/45
2/9/45
Secretary to Govt.
Electrical Dept.

The L.B.L. (with one copy of the estimate)

The Comptroller to Govt.

The Auditor, Elec. Dept. (with one copy of the estimate)

List of Enclosures

Copied by

Examined by

No. D.F. 342-44/P81.

The Secretary to the Hon'ble the Resident
in Mysore.

The Secretary to the Government of Mysore,
the Maharaja of Mysore,

Department, Bangalore.

Dated Bangalore, 16th March 1945.

Development of Electricity at the
Mekadatu Falls in the Cauvery Valley.

Sir.

1. I am directed to refer to your letter No. L.D.S. 1815, dated the 20th December 1944, and to say that the Government of Madras have no objection to the Government of Mysore extending their detailed surveys of the Mekadatu Hydro-Electric Project on both the banks of the Cauvery river in the Salem and Coimbatore Districts with a view to selecting the most favourable and economic site for power development.

2. The Government of Madras have mentioned in this connection that they had, in the past, contemplated developing the Mekadatu site and connecting it to the Madras Grid, and some investigations in this regard were carried out by the Madras Electricity Department in 1935. They therefore suggest that, as soon as the scheme has been prepared by the Government of Mysore, it may be confirmed or modified, as the case may be, by a field inspection to be undertaken by engineers appointed by both the Governments. A joint recommendation may then be submitted to each Government as to the scheme to be adopted, the method and the agency for the construction, and the share of each Government in the effective power generated at the Station. The two Chief Engineers may co-operate and assist each other as far as practicable and the cost of the investigations may be met in whole or in part by either Government at the outset, the actual cost being adjusted later in proportion to the share of the power allotted to each Government.

3. The Government of Madras also add that the terms and conditions mentioned in the Confidential letter from this Residency to the Chief Secretary to the Government of Mysore, No. C/4264/631, dated the 16th January 1926, do not hold good now in view of the considerable

considerable lapse of time and of the changed conditions, and that the question should be considered afresh on a new basis.

4. I am to request that the views of the Government of Mysore on the suggestions of the Government of Madras may kindly be intimated to this Residency as soon as possible.

I have the honour to be,
Sir,
Your most obedient servant,

A. S. B. S.

SECRETARY TO THE RESIDENT.

CND

30755 P.M.F.P. - (M. 214) - 6-6-39 - 60,000 Pads.

Letter No.D.F.348-44/Pol. dated 16th March 1945, from the Secretary to the Hon'ble the Resident in Mysore, Bangalore, to the Secretary to Government, Electrical Department, Bangalore.

Development of Electricity at the Mekadatu Falls in the
Cauvery Valley.

1 am directed to refer to your letter No.EDS.1815, dated the 20th December 1944, and to say that the Government of Madras have no objection to the Government of Mysore extending their detailed surveys of the Mekadatu Hydro-Electric Project on both the banks of the Cauvery River in the Salem and Coimbatore Districts with a view to selecting the most favourable and economic site for power development.

2. The Government of Madras have mentioned in this connection that they had, in the past, contemplated developing the Mekadatu site and connecting it to the Madras Grid, and some investigations in this regard were carried out by the Madras Electricity Department in 1935. They therefore suggest that, as soon as the scheme has been prepared by the Government of Mysore, it may be confirmed or modified, as the case may be, by a field inspection to be undertaken by Engineers appointed by both the Governments. A joint recommendation may then be submitted to each Government as to the scheme to be adopted, the method and the agencies for the construction, and the share of each Government in the effective power generated at the Station. The two Chief Engineers may co-operate and assist each other as far as practicable and the cost of the investigations may be met in whole or in part by either Government at the outset, the actual cost being adjusted later in proportion to the share of the power allotted to each Government.

3. The Government of Madras also add that the terms and conditions mentioned in the Confidential letter from this Residency to the Chief Secretary to the Government of Mysore, No.C./4264/631, dated the 16th January 1926, do not hold good now in view of the considerable lapse of time and of the changed conditions, and that the question should be considered afresh on a new basis.

4. I am to request that the views of the Government of Mysore on the suggestions of the Government of Madras may kindly be intimated to this Residency as soon as possible.

Immediate

Memo No.EDS. 3187

Dated Bangalore, 17th March 1945

Copy of the above, is forwarded, with compliments, to the Chief Electrical Engineer, for information and his views in the matter at an early date.

9/2 *6/7/45*
For Secretary to Government,
Electrical Department.

A.N.16th

Confidential

Immediate

Appendix F. G.—1]

SUBJECT..... Development of Electricity at the Hekadatu
Falls in the Banavary Valley

Diary No. of letter replied to.....

Section

File No.

Serial No.

General and Revenue Secretariat

()

the 194

No. E.D.S. 3380 dated, 6th April 45

To

The Chief Electrical Engineer,
Bangalore

Date of issue.....

Sir,

Signed by.....

In continuation of this office
Memo No E.D.S. 3187 dated the 17th
March 1945 on the above subject,
I am directed to state that the
letter of the Residency dated the
16th March 1945 indicates that
the Govt. of Madras want to
come in as partners, if the
scheme is going to be a success.
If the site is selected in the
Madras territory, we ^{may} ~~will~~ have
to concede them this right. I

List of enclosures.....

Copied by.....

Examined by.....

am therefore to request you to kindly examine very carefully whether it is advantageous to have a joint concern with the generating site in ~~the~~ their territory or to have it in our State by making use of whatever facility we have. A detailed report in the matter may kindly be submitted very early.

I have etc. . . .

KW 3 $\frac{4}{45}$.
Secretary to Govt.,
G Electrical Dept.
44 $\frac{17}{24}$ / ES 11 $\frac{1}{4}$
2.4.45

GOVERNMENT OF MYSORE

No.

25652

OFFICE OF the Chief Electrical Engineer

Encls.

in Mysore, Bangalore

Confidential.

Date 16th April 1945

17

To

The Secretary to Government,
Electrical Department,
Bangalore.

Sir,

Development of Electricity at the
Mekadatu Falls in the Cauvery Valley.

With reference to your letter No. EDS.3380 dated

the 4th instant on the above subject, I have the honor

to inform you that this question is being examined by

me in view of the revised terms and conditions stated

in letter No. DF.348-44/Pol. dated 16th March 1945

from the Secretary to the Hon'ble the Resident in

Mysore, and a report will be submitted to Government

as early as possible.

I have the honor to be,

Sir,

Your most obedient servant,

Chief Electrical Engineer

RECEIVED SECRETARY
18/4/45

BANGALORE

Res No. 2490

18/4/45

Tele gram
phoneNo. 4084
Encls.*Confidential*

OFFICE OF

The Chief Electrical Engineer
to the Government of Mysore,
Bangalore.

Date 24th July, 1945.

To.

The Secretary to Government,
Electrical Department,
Bangalore.

Sir,

Subject:- Development of Electricity below the Mekadatu
Falls in the Cauvery Valley.M.V.D.
25/7

K) With reference to correspondence ending with your Memo No.EDS. 3690 dated 21st May, 1945, on the above subject, I have the honour to state as follows:-

From the surveys conducted in the past and the tentative scheme prepared, it is seen that a dam with a small diurnal storage of 70 m. C.Ft., about 1,100 feet long and 30 feet high, is to be located on the Cauvery river about one mile below the junction of the Arkavati and the Cauvery Rivers. Three sites were selected for location of the Generating Station, two of which are entirely within the Mysore territory and the third is about 1-1/3rd mile below the Mysore-Madras boundary in the Salem District.

The net head available for power generation during summer at the above three sites is:

No. 1 Site	...	140 Ft.
No. 2 "	...	184 Ft.
No. 3 "	...	210 Ft.

During maximum floods the flood levels reduce the head available in the case of Site No.3 to the extent of 56 feet. Therefore, the net head available will be only 154 feet. In the case of other two sites, the loss of head due to maximum floods is expected to be nearly 70 feet as the section of the river at this place is very narrow. Thus the net head available during the flood season at the time of maximum floods will be at Site No.1 only 70 feet and at site No. 2 - 114 feet.

Further, it is reported that Site No.2 is not easily adoptable for location of the Generating Station, as it involves very heavy expenditure in excavation as well as laying penstocks and special equipment due to longlength of pipe-line and therefore has to be considered as comparatively a very expensive site.

Of the two sites available, one gives a net head for power generation varying between 70' and 140' and the other gives a net head varying between 156' and 210'. Thus if the site, which is within Mysore territory, is selected, the head available will be less than half and therefore the balance of head cannot be utilised by Madras and therefore will be loss for ever. As this is too great a sacrifice to make in the interests of the resources of the country, we have to come to certain terms with the Government of Madras and as far as possible locate the Generating Station at Site No.3 or some other site to be determined after further detailed surveys are conducted. But from the information so far available, it is seen that there is no other suitable site within Mysore territory for location of a Generating Station.

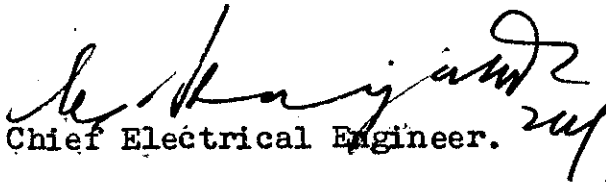
Further the boundary line between Mysore and Madras starting near Sivasamudram up to Mekadatu runs in the middle of the Cauvery

Cauvery River. The proposed reservoir with diurnal storage is to be constructed across the Cauvery River, half of which belongs to Mysore and half to Madras. Therefore mere selection of a site for generating station within the Mysore territory does not make the entire scheme lie within Mysore territory. The water spread due to the construction of the reservoir will be half within Madras and half within Mysore and therefore negotiations with the Madras Government in this behalf are absolutely necessary. In view of the fact that we cannot locate the entire scheme in this area within the Mysore territory, it is very necessary to come to an amicable settlement with the Madras Government with regard to the distribution of power to be generated at the place. J.Y

In this connection I have to mention that the Government of Madras have considered it necessary to withdraw the terms and conditions mentioned in the Confidential letter from the Secretary to the Hon'ble the Resident addressed to the Chief Secretary to the Government of Mysore, No.C/4264/631 dated 16th January 1926 due to lapse of time. At the time the terms and conditions for power generation at Mekadatu were negotiated and conditions intimated to the Government of Madras through the Residency in Chief Secretary's letter No.Pol.663/PP.64-24-5 dated 7th February 1925, it has been clearly mentioned that the Government of Mysore would undertake the scheme whenever they consider necessary and no approximate date of completion could be furnished to the Government of Madras. From this it is to be understood that the Government of Mysore are at liberty to generate power at Mekadatu any time they consider it necessary so long as they agree to make the block of power required to be made available to Madras, as per terms and conditions referred to in the above letter, and therefore as the discharges in the river have not changed since these terms were agreed to and the boundaries between the two have not shifted, the terms already agreed to should hold good. 0) P)

However, pending further correspondence on this subject, the Government of Madras may be requested to agree to our extending the surveys on both banks of the Cauvery river during the next summer season.

I have the honour to be,
Sir,
Your most obedient servant,


Chief Electrical Engineer. 24/7

No. E.D.S. 263
Encls.

ELECTRICAL SECRETARIAT,
Bangalore, 6th August 1945

From

*The Secretary to Government,
Electrical Department,
Bangalore.*

To

*The Secretary to the Hon'ble
the Resident in Mysore, Bangalore.*

Subject:- Development of Electricity below the
Mekadatu Falls in the Cauvery Valley.

I am directed to refer to your letter No.D.F.348-44/Pol. dated the 10th July 1945 on the above subject and to state that the Government of Mysore propose to extend the surveys on both banks of the river Cauvery in the necessary portions of Madras Territory viz., Salem and Coimbatore Districts, during the next summer season, as agreed to by the Government of Madras (Please vide para 1 of your letter No. D.F.348-44/Pol. dated the 16th March 1945) and to request that they may be intimated accordingly.

I have the honour to be,
Sir,
Your most obedient servant,

Sd. K. D. Joshi,

Secretary to Government,
Electrical Department.

A.N.4th.

No.EDS. 264

Dated Bangalore, 6th August 1945

Copy of the above, is forwarded, with compliments, to the Chief Electrical Engineer for information, with reference to his letter No.4084 dated the 24th July 1945 in the matter

Secy. to Govt. Elec. Deptt.

TELEPHONE NO. 2110.



GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER

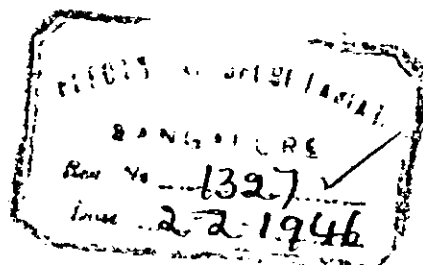
TELEGRAPHIC ADDRESS:
"GOMED"

CODES USED
BENTLEY'S LIEBER'S
A. B. C. 6TH EDITION
BUSINESS TELEGRAPH CODE.

The Secretary to the Govt. of Mysore,
Electrical Department,
BANGALORE.

Sir,

Bangalore, 29th January.....1946.
(MYSORE, S. INDIA.)



Subject:- Development of Electricity below the Mekadatu Falls
in the Cauvery River.

J) I have the honour to invite your kind reference to correspondence
ending with your Memo No. EDS-264 dated the 6th August 1945, and to state
that it was proposed to take up the surveys for the above scheme during this
summer. The Chief Engineer for Irrigation was requested to depute necessary
subordinate staff for survey work and he informs me that it is impossible
to post subordinates for this work at present. Therefore I am compelled to
postpone the survey works to next summer. Necessary arrangements will be
made to see that the work is started fairly early next January and completed
before the close of the working season.

This is just reported for the information of Government.

I have the honour to be,
Sir,
Your most obedient servant,

K. S. Nayand
Chief Electrical Engineer. 29/1

MH-CSC.

G. R. S. App. F. G. 3.

GENERAL AND REVENUE
SECRETARIAT.

(Continuation sheet draft form).

No. EDS 1713-14 dt. 8-2-1946

Subject - Development of
electricity in the
Hebadathu Falls in
the Coarveru Valley

The Secretary to the Hon'ble
the Resident in Mysore,
Bangalore

Sir,

I am directed to refer to
this office letter No. EDS 263
dated the 6th August 1945
on the above subject, and
to state that for want of
the necessary technical
staff to conduct the
surveys for the above
scheme, it is not possible
to take up this work this
summer. The surveys
will, however, be conducted
early in January next,
and completed before the
close of the working

season.

I have etc.

~~W~~ 1/25/46
Secretary to Govt,
Electrical Dept

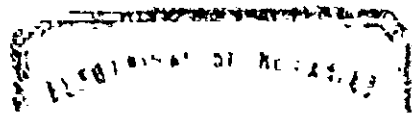
Copy rec. to the C.B.C. for
information with reference
to his letter No. 20428 2/29/46

For Secretary to Govt,
Electrical Dept.

1/29/46. 1/29/46.

Elect 139-46-1

TELEPHONE No. 2110.



GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER

TELEGRAPHIC ADDRESS:
"GOMED"

Bangalore, 24th February, 1947.
(MYSORE, S. INDIA.)

CODES USED
BENTLEY'S LIEBER'S
A. B. C. 6TH EDITION
BUSINESS TELEGRAPH CODE.

The Secretary to the Govt. of Mysore,
Electrical Department,
BANGALORE.

Sir,

Subject:-Development of electricity below the Mekadatu Falls
in the Carvery Valley.

With reference to your letter No. EDS-3045 dated the 21st instant,
on the above subject, I have the honour to enclose herewith a copy of the
letter received from the Chief Engineer for Irrigation in Mysore, who was
requested to post necessary staff for conducting the surveys.

As the Chief Engineer for Irrigation was unable to spare any staff
for this purpose, no survey work could be undertaken this season. Therefore
it has necessarily to be postponed to the next season.

Accordingly I am requesting the Chief Engineer for Irrigation to
post the necessary staff for conducting the surveys early next January.

ICE OF THE MINISTER
AGRICULTURE AND
PUBLIC WORKS
26 FEB. 1947
No. 6314

MH-CSC.

I have the honour to be,
Sir,
Your most obedient servant,

[Signature]
Chief Electrical Engineer.

Min. (P.W.)

for perusal.

RR 24/2
RR 24/2

RR 24/2

[Signature]

RR 1/3

Copy of letter No.5400/E dated 5/6th February 1947 from the
Chief Engineer for Irrigation in Mysore, to the Chief Electrical Engineer
in Mysore, Bangalore.

Development of Electricity below the Mekadatu Falls in the Cauvery
River.

With reference to your letter No.17894 dated 18-12-46, requesting to
post an Assistant Engineer and four Surveyors for conducting the surveys
in the ensuing Summer, I have the honour to state that none can be spared
till the results of the B.E. Degree examination are announced.

COPY

CSC.


Chief Electrical Engineer. *ref*

SUBJECT Development of electricity below the
Hebadatu Falls in the Banavary Valley.

Diary No. of letter replied to 1588

General and Revenue Secretariat

()
the 194 .

Date of issue 4-3-47

Signed by M. K. R.

List of enclosures nil

Copied by M. K. R.

Examined by

Section Elect.

File No. 139-46.

Serial No. 2

No. 3193-94

To,

The Secretary to the Hon'ble
the Resident in Hy.
Bangalore

Sir,

I am directed to refer to
this office letter No. EDS. 171
dated the 8th February 1946
on the above subject and to
state that for want of the
necessary technical staff
to conduct the surveys for
the above scheme, it has not
been possible to take up this
work this summer. The ^{survey} work
has therefore ~~to~~ been postponed.

the next season.

I have etc.

R.P.
1 3/27/47
Secretary to Govt,
Electrical Dept.

copy we to the C.B.C. for information with
reference to his letter No. 24546 D 29/2/47.

For Secretary to Govt
Electrical Dept.
ms
1/3 1/3/47

No. D.S.
Encls.

3193/Elcl/139-46-2

ELECTRICAL SECRETARIAT,

Bangalore, 4th March 1947

From

The Secretary to Government,
Electrical Department,
Bangalore.

To

The Secretary to the Hon'ble
the Resident in Mysore, Bangalore.

Subject:- Development of electricity below the
Mekadatu Falls in the Cauvery Valley.

S i r,

I am directed to refer to this office letter No.EDS.1713 dated the 8th February 1946 on the above subject and to state that for want of the necessary technical staff to conduct the surveys for the above scheme, it has not been possible to take up this work this summer. The survey work has therefore been postponed to the next season.

I have the honour to be,

S i r,

Your most obedient servant,

Sd. R. Ramakrishna,

Secretary to Government,
Electrical Department.

A.N.3rd.

No.EDS.

3194/Elcl/139-46-2

Dated Bangalore, 4th March 1947

Copy of the above, is forwarded, with compliments, to the Chief Electrical Engineer, for information, with reference to his letter No.24544 dated 24th February 1947

A.N.3rd

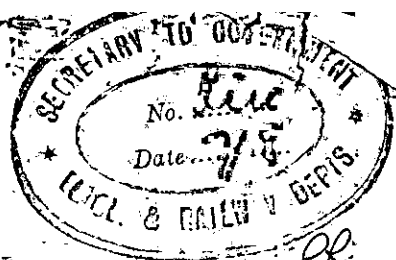
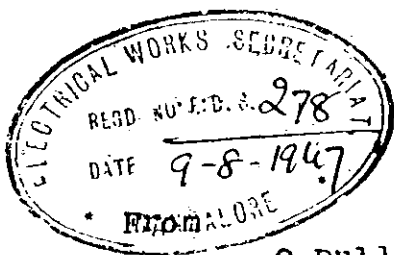
Secretary to Government,
Electrical Department.

Confidential.

Government of Madras
Public Works Department.

No. 855 E/47-6.

Fort St. George,
Dated 5th August, 1947.



O. Pulla Reddi Esq., I.C.S.,
Secretary to Government.

To

The Secretary to the Government of Mysore,
Electrical Department, BANGALORE.

Sir,

Development of electricity at Mekadatu Falls
in Cauvery valley.

Ref: Letter No.D.F.348-44/Pol., dated 8th March 1947
from the Secretary to the Hon'ble the Resident
in Mysore.

The Government of Madras would like to proceed with the
development of electric power at the Mekadatu site on the
Cauvery river by about 1950 and to start field investigations
next year, 1948.

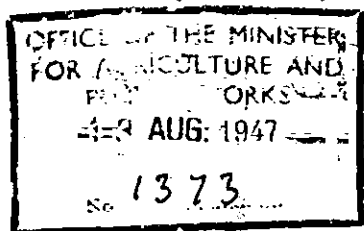
2. As ~~regards~~ the greater part of the works will lie on
the Madras side of the river, I am to request that the
permission of the Mysore Government may kindly be obtained
for the investigation and construction of the scheme solely by
the Madras Government Electricity Department.

3. The conditions under which the Mysore Government will
be prepared to agree to this Government proceeding with the
development of this power scheme as outlined above, may please
be obtained and communicated to this Government.

4. The present proposal for the development of the
Mekadatu Project is in modification of past ideas contained
in the correspondence resting with letter No.D.F.348-44 Pol.
dated 8th March, 1947 from the Secretary to the Hon'ble the
Resident in Mysore (copy enclosed).

your obedient servant,

T. V. Narsimhan
For Secretary to Government.



For favour of perusal in the first instance.
C.E.'s views may be called for.

Min. (P.W.)

RR 13/8/47
13-8-47

14/8/47

RR 14/8/47

Copy of letter No. D.F.348-44/Pol., dated the 8th March 1947 from the Secretary to Hon'ble the Resident in Mysore.

...

Development of α electricity at the Mekadatu Falls in the Cauvery valley.

...

In continuation of my letter No.D.F.348-44/Pol., dated the 14th February, 1946, I am directed to state that owing to want of the necessary technical staff, the Government of Mysore have postponed the survey operations to the next season.

/True Copy/.

6/5/47

P. K. Kothandaram
Superintendent
P.W.D.

SUBJECT

Section *Elect*File No. *139-46*Serial No. *5*

Diary No. of letter replied to

General and Revenue Secretariat

()
the

194

To.

*The G.E.E.*Date of issue *21st August 1947*Signed by *Mr. R. Ramakrishna*List of enclosures *(Copy of letter with its enclosures)**pl. type copy*

Copied by

Examined by

No. *EDS 588**enclosures**With reference to the correspondence ending
with this office ~~to~~ M EDS 3194/Enc**139-46-2 dated 4-3-1947 forwarding a
copy of this office letter M EDS 3193/Enc**139-46-2 dated 4-3-47 to the effect to the
Honble the Minister in charge regarding
the development of electric power below
the Melkadathu Falls in the Coimbatore Valley**I am directed to forward herewith a copy of
letter No 855 E/47-6 dated 5-8-47 with
a copy of its enclosure from the Secretary
to the Govt of Madras, Public Works Dept,
~~in order~~ seeking permission of ^{The} Govt*

of expense for the investigation and construction
the scheme solely by the ^{Electricity Board of the} Govt of Madras and
in consultation with the Chief Engineer, Irrigation,
to request you kindly to furnish your opinion on
the proposal
this request at a very early date.

I have etc

RR

Enc. 1/2

Memorandum 589/Encal 139-47-5 - Df. 21-8-47

Copy of the above is forwarded to
the Chief Engineer Irrigation, for information
and report in consultation with the C.E.E

B. O.

RR

Enc. 1/2

11.8.47

whereas

No. E.D.S. 588/Serial 129-46 ⁵
Encls. Copy of letter with its
enclosures.

urgent
ELECTRICAL SECRETARIAT.

Dated Bangalore, 21st August 1947.

FROM

The Secretary to the Government of Mysore,
Electrical Department,
Bangalore.

TO

~~The Chief Electrical Engineer~~
~~The General Superintendent~~

~~Cauvery Power Scheme~~ to the Government of Mysore,
~~Bangalore.~~

B a n g a l o r e.

Subject:- Development of electricity below the Mekadatu
Falls in the Cauvery Valley.

S i r,

With reference to the correspondence ending with this office Memo No.EDS.3194/Elecl.139-46-2 dated 4th March 1947 forwarding a copy of this office letter No.EDS.3193/Elecl.139-46-2 dated 4th March 1947 to the Secretary to the Hon'ble the Resident in Mysore regarding the development of electric power below the Mekadatu Falls in the Cauvery Valley, I am directed to forward herewith a copy of letter No.855 E/47-6 dated 5th August 1947 with a copy of its enclosure from the Secretary to the Government of Madras, Public Works Department, seeking permission of the Government of Mysore for the investigation and construction of the scheme solely by the Electricity Department of the Government of Madras and to request you kindly to furnish in consultation with the Chief Engineer for Irrigation in Mysore, your opinion on the proposal at a very early date.

I have the honour to be,
S i r,
Your most obedient servant,

Sd. R. Ramakrishna,
Secretary to Government,
Electrical Department.

A.N.20th

Hemo No.EDS. 589 Serial

Dated Bangalore, 21st August 1947

Copy of the above is forwarded with compliments to the Chief Engineer for Irrigation in Mysore for information and report in consultation with the Chief Electrical Engineer.

By Order
R.R. 21/8/47
Secretary to Government,
Electrical Department.

Letter No.855 E/47-6 dated 5th August 1947, from the Secretary to Government, Public Works Department, Government of Madras, Madras to the Secretary to Government, Electrical Department, Bangalore.

Development of electricity at Mekadatu Falls in Cauvery Valley.

Reference:- Letter No.D.F.348-44/Pol. dated 8th March 1947 from the Secretary to the Hon'ble the Resident in Mysore.

The Government of Madras would like to proceed with the development of electric power at the Mekadatu site on the Cauvery river by about 1950 and to start field investigations next year, 1948.

2. As the greater part of the works will lie on the Madras side of the river, I am to request that the permission of the Mysore Government may kindly be obtained for the investigation and construction of the scheme solely by the Madras Government Electricity Department.

3. The conditions under which the Mysore Government will be prepared to agree to this Government proceeding with the development of this power ^{scheme} ~~scheme~~ as outlined above, may please be obtained and communicated to this Government.

4. The present proposal for the development of the Mekadatu Project is in modification of past ideas contained in the correspondence resting with letter No.D.F.348-44 Pol. dated 8th March 1947 from the Secretary to the Hon'ble the Resident in Mysore (copy enclosed).

Copy of letter No.D.F.348-44/Pol. dated the 8th March 1947 from the Secretary to the Hon'ble the Resident in Mysore, Bangalore.

Development of electricity at the Mekadatu Falls in the Cauvery Valley.

In continuation of my letter No.D.F.348-44/Pol. dated the 14th

14th February 1946, I am directed to state that owing to want of the necessary technical staff, the Government of Mysore have postponed the survey operations to the next season.

Letter No.EDS. 3193/Elec1.139-46-2 dated 4th March 1947, from the Secretary to Government, Electrical Department, Bangalore, to the Secretary to the Hon'ble the Resident in Mysore, Bangalore.

Subject:- Development of electricity below the Mekadatu Falls in the Cauvery Valley.

I am directed to refer to this office letter No.EDS.1713 dated the 8th February 1946 on the above subject and to state that for want of the necessary technical staff to conduct the surveys for the above scheme, it has not been possible to take up this work this summer. The survey work has therefore been postponed to the next season.

"Copies"

S. Sivadasa
 Secretary to Government,
 Electrical Department.

Three only
1

Draft

Appendix F. G.—1]

SUBJECT Development of electricity below the
Mekedatu Falls in the Arkani Valley

Section Elect.

File No. 139-46

Serial No. 6

Diary No. of letter replied to.....

No. EDS. 906

General and Revenue Secretariat

To.

()
the 194 .

The Secretary to Government

P. W. D. Madras

Date of issue 26-9-1947

Sir,

Signed by Mr. K. N. Channarayana

I am directed to acknowledge
the receipt of
your letter no 855 E/47-6
dated 5th August 1947 on the above
subject and to state that the
matter is under examination
and a reply will be sent in
due course.

List of enclosures.....

2nd

I have etc

KRC

24.9.47

Copied by.....

Am
24/9/47

to Secretary to Govt of
Madras
Electrical Dept

Examined by.....

Bl 26/9/47

GOVERNMENT OF HIS HIGHNESS THE MAHARAJA OF MYSORE.

General and Revenue Secretariat,

No. E.D.S. 906/ ~~Elect~~ 139-46-6

Dated Bangalore, 26th ~~September~~ 1947.

FROM

*The Secretary to the Government of His Highness
the Maharaja of Mysore.*
Electrical Department, Bangalore.

To

The Secretary to Government,
Public Works Department,
M A D R A S.

Subject:- Development of electricity below the
Mekadatu Falls in the Cauvery Valley.

S i r,

I am directed to acknowledge the receipt of your
letter No.855 E/47-6 dated 5th August 1947 on the above
subject and to state that the matter is under examination
and a reply will be sent in due course.

I have the honour to be,
S i r,
Your most obedient servant,

MC

26.9.47

A.N.26th

For Secretary to Government,
Electrical Department.

8led 139-46-7

TELEPHONE No. 2110

No. 13597

GOVERNMENT OF MYSORE
ELECTRICAL DEPARTMENT

ENCLO. one Memorandum with
TELEGRAPHIC ENCLOSURES (4).
'GOMED'

OFFICE OF THE CHIEF ELECTRICAL ENGINEER,

Bangalore, 5th November 1947.

(MYSORE, S. INDIA.)

The Secretary to the Govt. of Mysore,
Electrical Department,
BANGALORE.

Sir,

Subject:- Development of electricity below the Mekadatu
falls in the Cauvery Valley.

With reference to correspondence ending with your letter
No. EDS.908/El cl. 139-46-R dated 26th September 1947, I have the
honour to enclose herewith a Memorandum on the subject for favour
of information and orders of Government.

I have the honour to be,

Sir,

Your most obedient servant,

Chief Electrical Engineer.

MH-CSC.

M E M O R A N D U M

on

POWER GENERATION AT MEKADATU.

In the award made in the Mysore-Madras arbitration on the question of storage of the Cauvery waters in Mysore territory, the Arbitrator gave his finding in regard to the hot-weather flow in the following terms:-

"I find, that Mysore shall be bound, subject of course, to exemption to liability for interruption beyond their control, to send down during the hot weather season a continuous supply of 900 cusecs to Madras."

In the memorandum left by Sir M. Visvesvaraya in the year 1917 on the question of development of electric power in Mysore, he has stated that as the discharge in the river could perform duty twice it is desirable to harness the rapids at Mekadatu for the generation of Hydro-electric power. When the Government of Madras asked in their letter in November 1918 for permission to utilise power from Mekadatu Falls for working Salem iron ores, etc., the Government of Mysore replied that "it is considered essential that the Mekadatu scheme is financed, erected and worked by Mysore, that the details about the distribution of power between the two Governments, etc. might be taken up for discussion."

After the Secretary of State for India intimated the Government of Mysore that the award of the Arbitrator should be re-examined by them in view of the appeal made by the Government of Madras, one of the suggestions made was that the whole question might, if possible, be got settled out of court by friendly negotiation. In the course of the protracted discussions, mostly on the manner in which the waters in the Cauvery valley had to be utilised, the Madras Government offered the utilisation of the full flow of water at Mekadatu for generation of power free to Mysore if we came to an agreement with regard to the extension of future irrigation. When the latter question was finalised, the Government of Madras intimated the Government of Mysore in their letter dated 18th February 1924 that they were agreeable to give up the rights to the generation of power from Mekadatu, subject to satisfactory terms being arrived at for the sale of power by the Mysore Government to the Madras Government (copy herewith enclosed).

A conference was held on the 26th August 1925 in Sir C.P. Ramaswamy Iyer's office and the members present were as follows:-

1. Sir Albion Banerji.
2. Sir C.P. Ramaswamy Iyer.
3. Mr. P. Harkins.
4. Mr. S. G. Forbes.
5. The Secretary to Govt. of Madras, P.W.D.

An agreement was reached and the terms of agreement are contained in the minutes of the meeting referred to above, as per copy herewith enclosed.

From the records available in the office of the Chief Electrical Engineer, it appears as if there has been no further correspondence on this subject with the Government of Madras after February 1929 forwarding the memorandum containing the terms agreed to during the conference.

As for the scheme of power generation at Mekadatu, the report on the preliminary surveys conducted discloses that three sites were selected, two of the sites being entirely within the Mysore territory and the third site being about 1-1/3rd mile below the Mysore-Madras boundary in the Salem District. An extract of topo sheet noting the various features of the scheme and the generating station sites is herewith enclosed. From the report it is seen that site No.2 is a costly one and has to be abandoned and therefore the only two sites that are available are the one within the Mysore territory having an available head varying from 140 to 70 ft. and site No.3 varying from 210 to 156 ft., the latter being within the Madras territory. (Vide C.E.E's. letter No.4084 dated 24-7-45, copy enclosed).

The proposed reservoir with diurnal storage is to be constructed across the Cauvery river, half of which belongs to Mysore and the other half to Madras. The channel from the reservoir for site No.3 lies partially in Mysore and partially in Madras territory.

The features of the scheme are tentative, subject to any modifications that might be made during the detailed surveys to be conducted and the scheme is finalised. With the available water and with the Generating Station site located at Site No.3, about 16,000 H.P. (average) at 60% load factor is expected to be generated.

In early stages, when Sivasamudram station was getting fully loaded, it was considered that possible sites for power generation were Mekadatu, Krishnarajasagara and Jog Falls. There were no heavy power demands and as the general growth was only at the rate of approximately 1000 H.P. per year, more attention was being paid to the schemes at K.R.S. and Mekadatu rather than to the scheme at Jog, probably due to the fact that the Jog Falls Scheme was considered costlier in the initial stages.

Subsequently as load demands began to grow much more rapidly and as the future anticipated demands for power were much more than previously expected, it

was considered necessary to review the position regarding location of the next generating station. A statement of the probable sites for generation of power was furnished to the Hydro-Electric Schemes Committee in a Memorandum dated 20th April 1937. The list, as furnished then, is noted below:-

No.	Name of site.	Discharge.	Head.	H.P. at 0.75 L.F.
		Cusecs.	Ft.	
1.	Mekadatu	990	210	27,500
2.	-do-	990	184	23,500
3.	Jog Falls	185	1250	30,000
4.	-do- 1st stage	100	1250	16,000
5.	K.R. Sagara	650	-	6,000
6.	Lakkavalli	-	-	15,000
7.	Shimsha New Project	200	600	15,500
7a.	-do-	300	600	23,000

The Hydro-electric Schemes Committee during its second meeting dated 27th April 1937 resolved, amongst other things, as follows:-

- "6. The project for harnessing Jog Falls be taken up simultaneously with the Shimsha New Project, so that it may be ready for service by the time the power generated under the Shimsha New Project is taken up."

This decision is presumed to have been taken on the basis that of all the schemes Shimsha New Project could be constructed within the shortest time and immediate additional demands could be met and in view of the fact that future demands were far in excess of what could be generated at Mekadatu or K.R.S., Jog Falls Scheme was proposed to be taken up.

Shimsha New Project scheme was completed with an installed capacity of 17,200 kW and serviced during 1940. Jog works were also started and detailed investigations revealed that the capacity of the Jog Station could be increased to 102,000 kW at 75% load factor. The estimates for the 1st and 2nd stages of Jog, involving an installed capacity of 120,000 kW, have been sanctioned and the works are under execution, with the result that Mekadatu and K.R.S. schemes, which were given special consideration in early 1926, were kept by.

The position now is that with the completion of the Jog Power Scheme - 1st and 2nd stage - we will have a combined capacity of 142,000 kW with the three stations, viz., Sivasamudram, Shimsha and Jog in service, Sivasamudram and Shimsha utilising jointly only 900 cusecs.

The load demands on our books are such that by the time Jog final stage is completed, the power that could be generated will be fully utilised. Further demands for power are coming, but how far they will be realised is not yet known, such as 20,000 kW required by Sandur State for their Chrome Calcine Plant. The next station to be constructed is dependent upon the future demand, after the three stations are fully loaded. If these large blocks of power, similar to the one from Sandur, are not to materialise, the demands at the rate of about 2000 kW per year as a general growth are only to be met.

The possible sites for generation of power are -

(1) Shimsha. Installation of additional units for utilising the balance of 600 (900-300) cusecs, as and when the machinery at Sivasamudram becomes obsolete. This installation will give additional power to the extent of 16,000 H.P.

(2) Mekadatu. At Site No.3 - 16,000 H.P. average.

(3) Jog 2nd station with a reservoir either on Sheravati or Yennehole, a tributary of Sheravati, with a capacity of 102,000 kW.

(4) Lakkavalli - About 13,000 H.P.

After the three stations, viz., Sivasamudram, Shimsha and Jog, are fully loaded and further heavy demands are to be met, the most economical station will naturally be Jog No.2 Station, as the expenditure per H.P. would be less, but at present it is difficult to visualise if such condition will arise. Further any delay in the execution of this scheme will in no way affect our rights to generate the power as and when required.

With regard to Shimsha, the cost per H.P. installed, after allocation between depreciation and capital, will be less than any other scheme, particularly in view of the fact that the channel and other works in the hydraulic system have been constructed for a capacity of 900 cusecs and the cost thereof has been debited to the Shimsha New Project Scheme, which has already been executed. The work is to be taken up only as and when the machinery installed at Sivasamudram is found to be inefficient and requires replacement. The Project therefore can await consideration.

The question of power generation at K.R.S. is dependent on the allocation of storage between Irrigation and Power, which is to be settled.

Lakkavalli.- The generation of power at this place is dependent upon the completion of the final stage of the reservoir and can be tackled at any time, as the right to generate power at the site have been secured unquestionably.

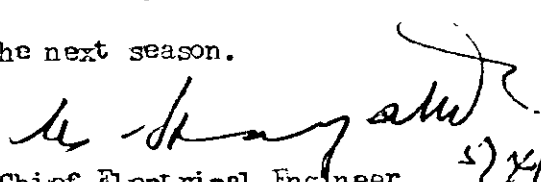
The next scheme of moderate size is Mekadatu. If additional station is to be provided for meeting the normal load growth, it is the best scheme for the following reasons:-

- (1) In accordance with the agreement with the Government of Madras, we have to let down in the river Cauvery 900 cusecs, a large proportion of it is stored water at K.R.S. at considerable cost. Before this water passes on to Madras, we should utilise the same to the best advantage of the State. It is being utilised at present at Sivasamudram and Shimsha for generation of power and the same quantity of water could be again utilised for generation of power at Mekadatu. If this is accomplished, we will have fully utilised the stored water that is being let down in the Cauvery to the benefit of the State.
- (2) After lengthy negotiations with the Government of Madras, we have secured the right of generation of power, subject to certain conditions. If power is not generated at the place in the near future, the Government of Madras may consider that a potential source of power is being allowed to waste and therefore may demand the right to generate power themselves, which should be avoided in the interest of the State.

It is therefore recommended that Government be pleased to approve the scheme of power generation at Mekadatu being proceeded with actively, so that the construction may be taken up immediately after the works in connection with the Second Stage Jog Power Scheme are completed, and the Government of Madras be intimated that we are taking up this question actively and therefore the question of their generating power at the place does not arise.

On receipt of final orders of Government, necessary further action will be taken for conducting detailed surveys during the next season.

Sd/- M. Narasimhaiya,
Chief Engineer for Irrigation
in Mysore.


Chief Electrical Engineer
to the Govt. of Mysore.

Bangalore,
MH-CSC.
4-11-47.

From

Percy Hawkins, Esq.,
Chief Engineer and Joint Secretary to Govt.,
Public Works(Irrigation) Department,
M a d r a s.

To

A.R. Banerji, Esq., C.S.I., C.I.E.,
Dewan of Mysore.

Dear Sir,

With reference to the demi-official correspondence that has taken place between the Hon'ble Mr. C.P. Ramaswami Aiyar, C.I.E., Third Member of Council, Madras, and yourself regarding INTER ALIA the question of the Mekadatu, I am authorised by my Government to inform you that the Madras Government agree to give up their rights to generation of power from the Mekadatu subject to satisfactory terms being arrived at for the sale of power by the Mysore Government to the Madras Government upto a reasonable maximum limit at a concession rate calculated on the actual cost of production, interest charges and depreciation plus a certain percentage of profits.

I have the honor to be,

Dear Sir,

Your most obedient servant,

Handed over by
Secretary.

Sd/ P. Hawkins,
Chief Engineer and Joint Secretary to Govt.,
P.W.(Irrigation) Deptt.

Intd. A.R.B.
18th Febry. 1924.

TRUE COPY

P. Hawkins
re. 5) X(

(26th Apr. 1925)

Terms and conditions in respect of the generation of
Hydro-electric power at Mekadatu by Mysore Government.

(1) Madras Government undertakes not to draw off any water from the Cauvery River between Sivasamudram and the Head Works of the Mekadatu Power Scheme.

(2) Mysore Government will have the right to provide storage and to store water to whatever extent may be necessary, provided that water stored is to be used only for power generation and the domestic purposes of the colony necessary for the construction and operation of the Scheme.

(3) Mysore Government will have full rights for power purposes on both sides of the river (a) above the dam, the rights will be included in a contour line 3 feet above the maximum water level of the proposed reservoir, and (b) below the dam, to a point half-a-mile below G.S.2, the limits on the right bank of the river being fixed at 3 feet above the maximum flood level. The rights on the left bank of the river from the Mysore-Madras boundary to half-a-mile down stream from G.S.2 will be limited between the centre of the river and a line running 2 furlongs from the left side of the water line of the power canals. Drawing No. MK-100 is a site plan showing the approximate locations of the Generating Station, Dam and the required boundaries. The Mysore Government will protect private rights of private owners from loss or damage.

(4) The power ³⁰⁵⁰3500 E.H.P. will be supplied to Madras at cost, including all operation and maintenance costs, depreciation and interest on the capital cost of the Mekadatu Power Scheme, plus 10% profit thereon. The power will be made available on the date of the Mekadatu Generating Station is first put into operation, and will be delivered to the Madras Government's single or duplicate transmission line at a point just outside the Mysore Government's High Tension Lightning Arrester equipments.

(5) The power will be supplied at 25 cycles, three-phase, and the voltage either 37,500 or 75,000 volts, whichever may be adopted for the Mekadatu Power Scheme.

(6) All power taken by Madras will be at a Power Factor (Ratio of TRUE power to APPARENT power) between the limit - .8 : 1.00 : .8. That is, the current shall not lag behind or lead the voltage by an angle greater than 37 degrees. If the Transmission Line over which Madras receives power from the Mekadatu Power Scheme is tied in with any power system belonging to Madras, the receiving end of the Transmission Line should be protected by overload relays and automatic circuit breakers to limit the sustained power taken by Madras to 200% of the power contracted for at the time being. This is to protect both the Mysore and Madras systems in case of trouble on either of the systems from heavy sustained over-loads.

(7) The power, namely, ³⁰⁵⁰3500 EHP will be held in reserve for a period of five years after putting the Mekadatu Generating Station into service, and any power not taken and consumed will thereafter revert to the disposal of the Mysore Government. Conversely, any power in excess of 3500 E.H.P. which may be supplied to Madras will be so supplied under the terms and conditions to be determined when the power taken by Madras exceeds or is likely to exceed the 3500 EHP.

(8) By reason of the above apportionment of power to the Madras Government at concession rates, no Royalty whatever will be payable by the Mysore Government, on any part or portion of whatever power the Mysore Government may develop and generate at the Mekadatu Power Site.

COPY

CSC.

Handwritten signature

Confidential

NO. 4084

The Chief Electrical Engineer
to the Government of Mysore,
Bangalore.

24th July, 1945.

The Secretary to Government,
Electrical Department,
B a n g a l o r e.

Subject:- Development of Electricity below the Mekadatu
Falls in the Cauvery Valley.

With reference to correspondence ending with your Memo No. EDS.
3690 dated 21st May, 1945, on the above subject, I have the honour
to state as follows:-

From the surveys conducted in the past and the tentative scheme
prepared, it is seen that a dam with a small diurnal storage of 70 m.
C.Ft., about 1,100 feet long and 30 feet high, is to be located on
the Cauvery river about one mile below the junction of the Arkavati
and the Cauvery Rivers. Three sites were selected for location of
the Generating Station, two of which are entirely within the Mysore
territory and the third is about 1-1/3rd mile below the Mysore-Madras
boundary in the Salem District.

The net head available for power generation during summer at
the above three sites is:

No. 1 Site	...	140 Ft.
No. 2 "	...	184 Ft.
No. 3 "	...	210 Ft.

During maximum floods the flood levels reduce the head available in
the case of Site No.3 to the extent of 56 feet. Therefore, the net
head available will be only 154 feet. In the case of other two
sites, the loss of head due to maximum floods is expected to be near
70 feet as the section of the river at this place is very narrow.
Thus the net head available during the flood season at the time of
maximum floods will be at Site No.1 only 70 feet and site No. 2 -
114 feet.

Further, it is reported that Site No.2 is not easily adoptable
for location of the Generating Station, as it involves very heavy
expenditure in excavation as well as laying penstocks and special
equipment due to long length of pipe-line and therefore has to be
considered as comparatively a very expensive site.

Of the two sites available, one gives a net head for power
generation varying between 70' and 140' and the other gives a net
head varying between 156' and 210'. Thus if the site, which is
within Mysore territory, is selected, the head available will be
less than half and therefore the balance of head cannot be utilised
by Madras and therefore will be loss for ever. As this is too
great a sacrifice to make in the interests of the resources of the
country, we have to come to certain terms with the Government of
Madras and as far as possible locate the Generating Station at Site
No.3 or some other site to be determined after further detailed
surveys are conducted. But from the information so far available,
it is seen that there is no other suitable site within Mysore terri-
tory for location of a Generating Station.

Further the boundary line between Mysore and Madras starting
near Sivasamudram up to Mekadatu runs in the middle of the Cauvery

P.T.O.

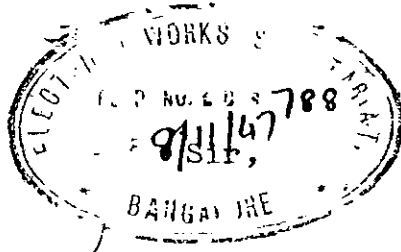
Elec 139-46-8

No-P.C. 124

Office of
The Chief Engineer for Irrigation,
Bangalore, dated Novr. 6, 1947.

To

The Secretary to Government,
Electrical Department,
Bangalore.



for 7.10.47



Development of electricity below the
Mekadatu Falls in the Cauvery Valley.

1/10/47
7/11/47
With reference to correspondence ending with
your letter No.EDS.907/Elec.139-46-R dated 26th
September 1947 on the above subject, I have the honor
to invite reference to letter No.13597-8 dated 6th
November 1947 from the Chief Electrical Engineer to you
with which he has enclosed a memorandum on the subject.

S.No. 778 The memorandum has been jointly prepared by Mr.Hayath
and myself.

I have the honour to be,
Sir,
Your most obedient servant,

N. Narasing
Chief Engineer for Irrigation.

The main file bearing S.No 778 has been submitted separately
10/11

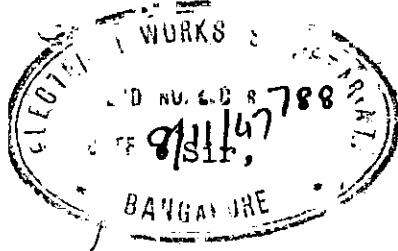
Elec 139-46-8

No-P.C.124

Office of
The Chief Engineer for Irrigation,
Bangalore, dated Novr. 6, 1947.

To

The Secretary to Government,
Electrical Department,
Bangalore.



*rec
7.10.47*



Development of electricity below the
Mekadatu Falls in the Cauvery Valley.

*1400
18
7/11*

With reference to correspondence ending with
your letter No.EDS.907/Elec.139-46-R dated 26th
September 1947 on the above subject, I have the honor
to invite reference to letter No.13597-8 dated 6th
November 1947 from the Chief Electrical Engineer to you
with which he has enclosed a memorandum on the subject.

S.No. 778 The memorandum has been jointly prepared by Mr.Hayath
and myself.

*The main file bearing S.No.
778 has been submitted
separately
10/11*

I have the honour to be,
Sir,
Your most obedient servant,

N. Narasing
Chief Engineer for Irrigation.

26th November 1947

KDS.1428/Elect.139-46-9

Subject:- Development of electricity
below the Mekadatu Falls in
the Cauvery Valley.

Dear Mr. Hayath,

With reference to your letter No.13597 dated 6th November 1947. I am desired to inform you that the subject is proposed to be discussed in the chambers of the Law Minister some time between the 7th and 10th December 1947 when the Chief Engineer for Irrigation will also be requested to be present. I would, therefore, request you to make it convenient to remain in headquarters during that period. The exact time of the meeting will be intimated to you in due course.

Yours sincerely,

Sd. R. Ramakrishna,

M. Mayath , Esq., B.E.(Mech.), B.S.E.E.,
Chief Electrical Engineer to the Government
of Mysore, B a n g a l o r e.

P.T.O.

Memo No.EDS. 1441

Dated Bangalorê, 27th November 1947

Copy of the foregoing is forwarded with compliments to the Chief Engineer for Irrigation in Mysore, Bangalore for information.

By Order,

gc R.R. 27.11.47
Secretary to Government,
Electrical Department.

A.N.26th

D.O. No EDS 1531

Elect 139-46-10.

Dated 5th Decr. '47

Dear Mr. Hayath,

Power development at Mekadatu Falls.

Further to my D.O. letter No.EDS.1428/
Elect.139-46-9 dated 26th November 1947, I
write to inform you that the meeting to discuss
the above question has been fixed at 12 noon
on the 9th instant in the chambers of the Minister
for Law and Labour. You are requested to kindly
make it convenient to be present.

Yours sincerely,

J. Hayath, Esq., B.E., B.S.E.E.,
Chief Electrical Engineer
to the Govt. of Mysore,
Bangalore.

RR.
5/12/47

O. No EDS. 1532

862 139-46-11

Dated, 5th Decr. 1947

Dear Mr. Narasimhaiya,

Power Development at Mekadatu Falls.

Further to my D.O. letter No.EDS.1441/
dated 27th November 1947, I write to inform you
that the meeting to discuss the above question
has been fixed at 12 noon on the 9th instant
in the chambers of the Minister for Law and
Labour. You are requested to kindly make it
convenient to be present.

Yours sincerely, .

Ref-
5/12/47

Rajakaryaprasakta
M. Narasimhaiya, J.E., etc.,
Chief Engineer for Irrigation,
Bangalore.

D R A F T.

To

The Secretary,
Public Works Department,
Govt. of Madras, Fort St. George, Madras.

Sir,

Generation of Electricity at Mekadatu
Falls in the Cauvery Valley - Govt. of
Madras letter No. 855-E/47-6 dated
5th August, 1947.

With reference to correspondence ending with my
letter No. EDS. 1565 dated 9th December 1947, I am
directed to state that arrangements are being made
for making detailed surveys for the generation of
electricity by this Government at Mekadatu Falls in
the Cauvery river as per agreement reached (vide your
letter dated 18th February 1924 addressed to the Dewan
of Mysore), and the terms and conditions agreed to
subsequently by the Governments of Madras and Mysore.

I have, etc.,

Secretary to Government,
Electrical Department.

For approval.

Min. Law)

RR.
10/12/47

Memo no EDS. 1598-99/87. 10/12/47

Copy w/c to C.E.S. & E.S.D.,

RR.
10/12

RR.
10/12/47

No. EDS 1597

Date, 10th. Decr. 1947

El. 139-46-12

~~XXX~~

Electrical Department.

The Secretary,
Public Works Department,
Government of Madras, Fort St. George, Madras.

Generation of Electricity at Mekadatu
Falls in the Cauvery Valley - Govt. of
Madras letter No. 855-R/47-6 dated
5th August, 1947.

With reference to correspondence ending with my letter No. EDS. 1565 dated 9th December 1947, I am directed to state that arrangements are being made for making detailed surveys for the generation of electricity by this Government at Mekadatu Falls in the Cauvery river as per agreement reached (vide your letter dated 18th February 1924 addressed to the Dewan of Mysore) and the terms and conditions agreed to subsequently by the Governments of Madras and Mysore.

I have the honour to be, Sir,
Your most obedient servant,

Sd. R. Ramakrishna,
Secretary to Government,
Electrical Department.

P.T.O.

Memo.No.EDS. 1598

Copy forwarded with compliments to the Chief
Electrical Engineer to the Govt. of Mysore,
Bangalore.

Sd.R.Ramakrishna,
Secretary to Government,
Electrical Department.

Memo.No.EDS. 1599 .

Copy forwarded with compliments to the Chief
Engineer for Irrigation, Bangalore.

PR. 10/12/47
Secretary to Government,
Electrical Department.

TELEPHONE No. 2110

No. 21142

ENCLO.

TELEGRAPHIC ADDRESS:

'GOMED'

GOVERNMENT OF MYSORE

ELECTRICAL DEPARTMENT

OFFICE OF THE CHIEF ELECTRICAL ENGINEER,

Bangalore, 10/11/48

The Secretary to Government,
Electrical Department,
Bangalore

Sir,

Estimate for conducting detailed surveys and preparation of estimates for the Mekadatu Hydro-Electric Development Scheme.

I have the honor to forward herewith an estimate amounting to Rs. 85,000/- for conducting necessary detailed surveys and preparation of estimates for the Mekadatu Hydro-Electric Scheme, and to request you kindly to obtain and communicate sanction of Government thereto.

Provision for the Civil Engineering establishment has been made in consultation with the Chief Engineer for Irrigation. It is presumed that the surveys will have to be conducted from January to May 1948 and the remaining period of about 7 months would be required for preparation of the necessary drawings and detailed estimates. As final drawings and estimates have to be prepared, the staff and the expenditure under Labour etc. as provided for in the estimate are very necessary.

I may add in this connection that a preliminary estimate for Rs. 15,680/- for this work was sanctioned in G.O. No. EDS. 3038-40 dated the 2nd March 1945. The work could not be taken up due to the scarcity of the qualified Technical Staff at that time. The outlay that has been incurred against this estimate up-to-date is only Rs. 99.14.0. It is now proposed to close this estimate and operate on the new one.

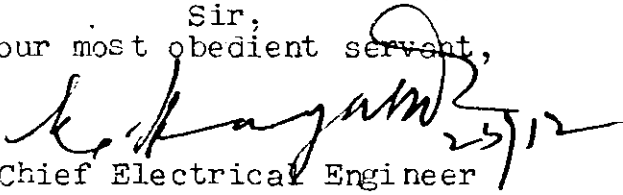
Necessary provision will be made in the revised budget for the current year under 'Capital' for this work to be treated as a part of the Project Estimate to be prepared for Power Generation at Mekadatu near under 'Preliminary Expenses'

As surveys have to be conducted from January 1948, very early

P.T.O.

sanction of Government may kindly be obtained and communicated.

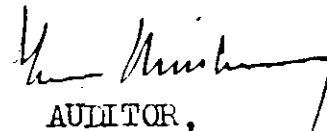
I have the honor to be,
Sir,
Your most obedient servant,


Chief Electrical Engineer

Audit Certificate.

Verified with reference only to the allocation, namely "36-Miscellaneous Electric Expenditure as per para 51 of M.E.A.C. Vol.1.

Necessary action will have to be taken to provide for the grant required, by re-appropriation or otherwise, to meet the outlay during the year.


AUDITOR,
Electrical Department.

10/1/48

Report to accompany the estimate for conducting detailed surveys and preparation of estimates for the Mekadatu Hydro-Electric Development Scheme.

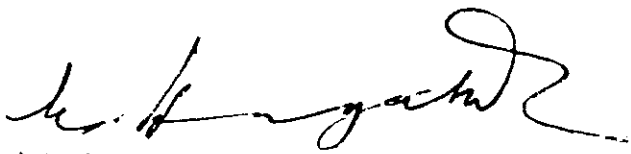
--

It is proposed to conduct detailed surveys for the scheme of power generation at Mekadatu and necessary final estimate also along with the drawings are proposed to be prepared. The work has to be taken up only during summer from January to May, as crossing of the river at Sangam is not possible during the rainy season.

The estimate provides for the minimum staff and equipment required to satisfactorily conduct the surveys and prepare necessary detailed estimates for the work. It is proposed to conduct surveys from January to May and thereafter the entire establishment will work at the preparation of the detailed estimate in Bangalore.

The period for the entertainment of the staff is fixed as one year in the first instance, as it is hoped that the work will be completed within that period.

As detailed surveys have to be conducted and detailed estimates have to be prepared, an Executive Engineer is absolutely necessary and the Chief Engineer for Irrigation agrees with me that the Civil Engineering establishment, as proposed by me, in this estimate, is necessary for carrying out the work satisfactorily.


Chief Electrical Engineer.

Report to accompany the estimate for conducting detailed surveys and preparation of estimates for the Mekadatu Hydro-Electric Development Scheme.

--

It is proposed to conduct detailed surveys for the scheme of power generation at Mekadatu and necessary final estimate also along with the drawings are proposed to be prepared. The work has to be taken up only during summer from January to May, as crossing of the river at Sangam is not possible during the rainy season.

The estimate provides for the minimum staff and equipment required to satisfactorily conduct the surveys and prepare necessary detailed estimates for the work. It is proposed to conduct surveys from January to May and thereafter the entire establishment will work at the preparation of the detailed estimate in Bangalore.

The period for the entertainment of the staff is fixed as one year in the first instance, as it is hoped that the work will be completed within that period.

As detailed surveys have to be conducted and detailed estimates have to be prepared, an Executive Engineer is absolutely necessary and the Chief Engineer for Irrigation agrees with me that the Civil Engineering establishment, as proposed by me, in this estimate, is necessary for carrying out the work satisfactorily.


Chief Electrical Engineer.

SUBJECT..... Estimate for conducting detailed
..... on the Mcbadatic Scheme

Diary No. of letter replied to

General and Revenue Secretariat

()
the 19 . }

Date of issue..... 20th January 1948.

Signed by Mr. R. Ramakrishna

May this be—

- (i) printed?
- (ii) treated as a standing order?
- (iii) published in the Gazette,
English Part?
- (iv) translated?
- (v) placed at the disposal of the Press?
- (vi) published in the Gazette,
Kannada Part?

Section 36d

File No. 139-474

Serial No. 14

Proceedings of the Government of
His Highness the Maharaja of Mysore.

Read: 1. G.O. No. EDS. 303840 dated the
2nd March 1945 sanctioning an estimate
Road-works: 15680/- for conducting detailed
surveys for the development of electricity at ~~15680/-~~

2. Letter No. 21142 dated

the 10th January 1948 from
the L.R.O. for the reporting
that the work could not be

taken up ^{earlier} due to ~~the~~ scarcity

of ~~the~~ qualified technical

staff and ~~therefore~~

Order thereon. No.

forwarding for sanction

an estimate for Rs 85800/-
carrying out the necessary detailed surveys ~~imposed~~

for the ~~work~~ ↑, the necessary

provision being made
in the ^{est. of surveys} revised budget

for the current year under

"capital".

Am
20/1 17

Order No. EDS. 1975-78 / Elee

139-46-14 D 20th January 1948

Sanctioned.

R.R.
20/1/48.

Secretary to Govt.

File cl. Dept

20/1

20/1/48

The B.S.S. (with a copy of the estimate)

The Comptroller to Govt.

The B.S.S.

The Auditor, Elec. Sect.

(with a copy of the estimate)

Copy to P.W. Sect.

R.R.
20/1

List of Enclosures

(Copy of estimate
for the C.E.E. & A.E.D.)

Copied by

Examined by

Proceedings of the Government of His Highness
the Maharaja of Mysore.

R e a d:-

Government Order No.EDS-3038-40 dated the 2nd March 1945
sanctioning an estimate for Rs 15,680/- for conducting detailed
surveys for the development of electricity at Mekadath.

2. Letter No.21142 dated the 10th January 1948 from the Chief
Electrical Engineer reporting that the work could not be taken up
earlier due to scarcity of qualified technical staff and forwarding
for sanction an estimate for Rs 85,000/- for carrying out the necessary
detailed surveys immediately, necessary provision being made for the
cost of surveys in the revised budget for the current year under
"Capital".

Order No.EDS. 1975-78/Eden 139-46-14

Dated Bangalore. 20th January 1948

S a n c t i o n e d.

gpc *Rt* *20/1/48*
Secretary to Government,
Electrical Department.

To

The Chief Electrical Engineer (with a copy of the estimate)

The Chief Engineer for Irrigation in Mysore.

The Comptroller to the Government of Mysore.

The Auditor, Electrical Department (with a copy of the estimate)

A.H.20th/7

Copy to P. W. Sectt

Sl. No.	Particulars	Cost Rs.
------------	-------------	-------------

'C' General Items.

1. Surveying instruments (4 levelling instruments and one Theodolite, 8 levelling staves, etc.		10,000/-
2. Drawing materials, stationery and medicines		3,000/-
3. Misc. materials, flags, kerosene, lanterns, torches, etc.		4,000/-
4. Labour charges, Jungle clearing, surveying etc.		6,000/-
5. Transportation charges		2,000/-
6. Travelling allowance to staff		2,500/-
7. Tents or temporary sheds and camp equipments		5,000/-
8. Compensation to trees for transmission lines		6,000/-
9. Stock Incidentals on items 1 to 3 and 7 at 6-1/4%		1,375/-
Total:	Rs. 39,875/-	

SANCTIONED BY GOVERNMENT FOR
RS. 85,000/- (RUPEES) ONLY
ON 20-1-1981

20/1/81
Secretary to Government
Electrical Department

Total under 'A'	Rs. 34,212/-
Total under 'B'	6,843/-
Total under 'C'	39,875/-
Contingencies and rounding	4,070/-
	Rs. 85000/-

Copy of the estimate has been prepared with due care and in an economical manner

W. M. Attan
for Chief Electrical Engineer

[Signature]
Chief Electrical Engineer.

Probable cost of conducting surveys, etc. at
Makedhat for Generating Electrical Energy

Sl. No.	Particulars	Aver- age	Cost per month
'A' Civil Engineering Establishment.			
1.	ONE Executive Engineer on Rs.450-50/2-750 + CA.50	623 $\frac{1}{3}$ +50	673-1/3
2.	ONE Assistant Engineer on Rs.200-40/2-400 + CA.32	320 +32	352
3.	THREE Sub-overseers on Rs. 50-5-100 + CA.15	80-5/9 +15	286-2/3
4.	ONE Revenue Surveyor on Rs.50-3-80-4-100	77-7/9	77-7/9
5.	TWO Graduate Surveyors on Rs.100-8-140-10-200+CA.28	160 +28	376
6.	TWO Draftsman on Rs.100-10-150	137 $\frac{1}{2}$	275
7.	TWO Asst. Draftsman on 40-2 $\frac{1}{2}$ -50-5-100	76	152
8.	ONE Typist on Rs.40-2-50-3-80 + DA.10	63 $\frac{1}{3}$	73-1/3
9.	ONE Accounts Clerk on Rs.60-5-90-8-130-10-180	128	128
10.	ONE Timekeeper on Rs.40-2-50-3-80	63 $\frac{1}{3}$	63-1/3
11.	FOUR Peons on Rs.14-1/2-18	16-4/5	67-1/5
12.	FOUR Lhaskars on Rs.14-1/2-18	16-4/5	67-1/5
Total for one month			2591-38/45
Cost for 12 months			31,102/-
Construction Allowance @ 10%			3,110/-
Grand Total:			Rs.34,212/-

'B' Electrical Engineering Establishment

1.	ONE Junior Engineer on Rs.200-20-300	266-2/3	266-2/3
2.	ONE Transmission Line Inspector on Rs.150-10-200 + HA.50	183-1/3 +50	233-1/3
3.	TWO Operators on Rs.150-10-200	183-1/3	366-2/3
4.	ONE Typist on Rs.40-2-50-3-80+DA.10	63-1/3) +10)	73-1/3
5.	ONE Clerk on Rs.40-2-50-3-80	63-1/3	63-1/3
6.	TWO Peons on Rs.14-1/2-18	16-4/5	33-3/5
Total for one month			1036-14/15
Cost for 6 months			6,221/-
Construction Allowance @ 10%			622/-
Grand Total:			6,843/-

No EDS 2297

Elec 139-46-15.

Dated 5th Feb

The Chief Electrical Engineer
to the Government of Mysore, Bangalore.

Sir,

Power generation at Mekadatu Falls.

In continuation of Government Order No. EDS. 1975-78/ Elec. 139-46-14 dated 20th January 1948, I am directed to request you to kindly state the scope of the surveys now proposed to be carried out in connection with the harnessing the Mekadatu falls, as it is understood that detailed surveys and connected drawings were made twice before by Mr. B. Krishna Rao, the last one being in about 1922. Though fresh estimates for the project will now have to be prepared taking into account the present conditions, it is not clear whether the survey now proposed will be materially different from the surveys conducted so far.

This may kindly be clarified for the information of Government.

I have the honour to be,

Sir,

Your most obedient servant,

RC 5/48

Secretary to Government,
Electrical Department.

OFFICE OF THE MINISTER FOR LAW AND LABOUR

	Start	Power Req	Where the supply	Rate	Conver
1. <u>Ceded Dist</u> :	1945 June	500 Kw 8 yrs 4000 Kw.	Nijaini	4.5 to 3.0.	1-1-49
2. <u>Madampalli</u> :	24/2/ 1948 :	500 8 yrs 1000	-	-	-
3. <u>Hindupur</u> :	June 1946	200 Kw 8 yrs 1000 Kw	Cheluru	"	-
5. <u>Honnai</u>		33 kv. 3 Phas 200 to 500. 25 eqch :			
4. <u>S. Kanana</u>	March 1947	2000 Kw 10 yrs 6,000 Kw. 66 kv. 3 Phas.	Poodur	"	-
6. <u>Moyar</u> :	42 sq mls catchment area as up 176 total sq mls. Rainfall particulars have been called for.				
7. <u>Nelatur</u> :	Sept 12. 2. 24.	4000.			
	18. 2. 24.				
8. <u>Poyravani</u> : Nijaini :					
9. <u>Kunindavathi</u> :					

M E K A D A T U S C H E M E .

Assume

Total output	--	40,000 KW
Madras share	--	5,000 KW
Capital outlay	--	Rs 500 lakhs.

Cost of generation.

	<u>Rs. in lakhs.</u>
Interest payable annually - assume 3%.	15
Depreciation, - assume 3%.	15
Operation expenses, say.	20
Total	<u>50</u> lakhs.

If equal load factor is assumed for Madras and Mysore:

Debit to Madras for supplying 5000 KW = $\frac{5}{40} \times 50 = 6.25$ lakhs.

If 15 % profit on capital outlay is sought

Profit = $\frac{15}{100} \times 500$ lakhs = Rs 75 lakhs.

Share of profit to be contributed by Madras = $\frac{5}{40} \times 75 =$ Rs 9.375 lakhs

In other words, Madras will have to pay

For cost of generation	Rs 6.25 lakhs.
Profit on top of it	9.375 "
Total ..	<u>Rs 15.625 lakhs.</u>

Such a huge profit of Rs 9.375 lakhs could not have been ever thought of.

If 15% profit on cost of generation is assumed, the

Madras bill would be:

Cost of generation for 5000 KW	=	Rs 6.25 lakhs.
plus 15% profit on this cost	=	<u>Rs 0.9375 "</u>
Total bill	=	<u>Rs 7.1875 lakhs.</u>

Just

Bangalore,
15-11-1948

MY dear Sri Bhaktavatsalam,

Harnessing the Mekedatu falls of
the Cauvery River for generation of
electricity.

--

You will remember that during our
last discussions at Madras on the above
subject, I told you that I would place
your views viz. grant of 5,000 K.W. at
Mekedatu at $2\frac{1}{2}$ % profit and power at
Hosur (first 2,200 K.W. and later - after
Ujjini - 6,200 K.W.) at 5 % profit before
the Hon'ble Sri K.C. Reddy. It has now
been decided ^{to invite you to} ~~to have~~ a final conference
in this behalf, ~~with the representatives~~
~~of your Govt. in the matter.~~ I would
therefore request you kindly to let me
know your convenience ~~and the convenience~~

of

Done at once
R.S.D.
15/11

~~of your premier the Hon'ble Sri~~

~~C.P. Ramaswami Reddiar.~~ The

Conference is proposed to be held
here in the first week of December.

*// This is
subject to
approval.*

I shall thank you for a line
in reply in the matter.

With the kindest regards and
best wishes,

I remain,
Yours sincerely,

(Signature)

The Hon'ble Sri

Sri M. Bhaktavatsalam,

Minister for P.W.D.,

Govt. of Madras, Fort St. George,

M A D R A S.

15/7/51

16th Nov.

8

MY dear Sri Bhaktavatsalam,

Thuss

Harnessing the Mekedatu falls of the Cauvery River for generation of electricity.

-

You will remember that during our last discussions at Madras on the above subject, I told you that I would place your views viz. grant of 5,000 K.W. at Mekedatu at 2½ % profit and power at Hosur (first 2,200 K.W. and later - after Ujjini - 6,200 K.W.) at 5 % profit before the Hon'ble Sri K.C.Reddy. It has now been decided to invite you for a final conference in this behalf. I would therefore request you kindly to let me know your convenience. The conference is proposed to be held here in the first week of December.

I shall thank you for a line in reply in the matter.

With kindest regards and best wishes,

I remain,

Yours sincerely,

Jai (S)

R.S.D

Hon'ble Sri M. Bhaktavatsalam,
Minister for Public Works.



855. E / 4724 -

Fort St. George,
18th November, 1948.

My dear Bashyam,

DEVELOPMENT OF ELECTRICITY AT MEKADATU.

I thank you for your kind letter dated 16th November, 1948. I shall arrange to be in Bangalore on Thursday the 2nd of December for further discussions with a view to reach an agreement on all the points still outstanding. My recollection is that we left off discussions at a point when you had kindly suggested that Madras could have at the Mekadatu power house 5000 K.Ws. of power and at Hosur or nearabouts 4000 K.Ws. of power initially to be increased to 6000 K.Ws. after the Ujjini agreement expired. Let us hope that we will be able to reach satisfactory decisions on the question of rates for these two blocks of power during the forthcoming discussion. Varghese, my Secretary and Sundaram, the Chief Engineer will go with me.

Please convey my thanks to Sri Siddiah through whose kindness, an agreement has been reached between our Chief Engineers on the irrigation matters which we had discussed in Madras. Also please convey my namaskarams to Chengalvaroya Reddi. I am looking forward to meet him in Bangalore.

Yours sincerely,

M. Bhaktavatsalam

Hon'ble Sri K.T. Bashyam,
Minister for Law and Labour,
Government of Mysore,
BANGALORE.

20/11/48
See & reply to
Inform Chief Min
25.12
26/11

T 1606

Bangalore,
20-11-1948

MY dear Sri Bhaktavatsalam,

Many thanks for your D.O. letter
No. 855/E 47-24 dated the 18th instant.
I am glad if you will be here on the
2nd proximo with your Secretary Sri ~~Vargha~~
Varghese and your Chief Engineer Sri
Sundarama. I shall make ^{the} necessary ar-
rangements for your stay here.

With ~~the~~ kindest regards and best
wishes,

Yours sincerely,

(Signature)

The Hon'ble
Sri M. Bhaktavatsalam,
Minister for public works,
Fort St. George, MADRAS.

10/11
20/11

K. T. BHASHYAM,
Minister for Law & Labour.



BANGALORE
Camp: Nandi Hilla,
Dated...21st..Nov.,.....1948.

T 1618

My dear Sri Bhaktavatsalam,

Further to my D.O. letter of yesterday, regarding our discussions about Mekedatu project here on the 2nd proximo, I write to inform you that the Hon'ble ^{Mr. Shri} K.C. Reddy, ~~our~~ Chief Minister, finds it inconvenient to be present as he is likely to be in Delhi by that time. I would therefore suggest that if you have no objection, we may meet here some time during the 2nd week of next month. please let me know your convenience so that I may fix up the conference. I am extremely sorry for the inconvenience I am causing you which I hope you will be good enough to overlook.

With regards,

Yours sincerely,

Yours Sincerely) Sd/- K. T. Bhashyam

The Hon'ble
Sri M. Bhaktavatsalam,
Minister for Public Works,
Fort St. George, MADRAS.

OFFICE OF THE MINISTER FOR LAW AND LABOUR

Camp: Nandi Hills
21-11-1948.

My dear Shri Bhaktavatsalam,

Further to my D.O. letter of yesterday, regarding our discussions about Mekedatu project here on the 2nd proximo, I write to inform you that the Hon'ble Sri K.C. Reddy, our Chief Minister finds it inconvenient to be present as he is likely to be in Delhi ~~by~~ by that time. I would therefore suggest that if you have no objection, we may meet here some time during the 2nd week of next month. please let me know your convenience so that I may fix up the conference. I am extremely sorry for the inconvenience I am causing.

With regards,
You which I hope you will be good enough to overlook.
~~to excuse~~ Yours sincerely,

(Signature)

(Signature)

The Hon'ble
Sri M. Bhaktavatsalam,
Minister for Public Works,
Fort St. George, MADRAS.

(Signature)
21/11

Office of the Minister
for Law & Labour.



Fort St. George,
25th November 1948

T 1734

Date 26/11

My dear Sri Bhashyam,

I am in receipt of your letter dated the 21st instant

Office of the Chief Minister note that the 2nd of December will not suit you and the

Hon. the Chief Minister. I may provisionally suggest 10th

No. 3402 December if it will suit you. I shall confirm on hearing

Date 26/11 from you.

Yours sincerely,

U. Bhaktavatsalam

The Hon'ble Sri K.T. Bhashyam,
Minister for Law & Labour,
Government of Mysore,
BANGALORE.

Office of the Minister
for Law & Labour.

No 2523

Date 29/11

Chief Minister
25.11
26/11

12th / 12th 210
write that
would suit
convenience
25/11

12th inst will
be all right -
though it is a
Sunday. I am
returning from
Delhi only 13th
on 11th he writes.
28/11

My dear Sri Bh
I am in r
the 25th in No
for the same.

The Hon'ble
leaving for De
to return from
He suggests th
allright thoug
instant. I sh
convenience.

I am very
nience I am ca

I am in receipt of your letter dated the 25th ~~in~~ November 1948 and I thank you for the same.

~~I am very very sorry to the inconvenience I am causing to you.~~

Yours sincerely,

Apr.)

12/1/70

T/8/8

3rd Decr.

.8

My dear Sri Bhaktavatsalam,

I am in receipt of your letter dated the 25th November 1948 and I thank you for the same.

The Hon'ble Sri K.C.Reddy has left for Delhi yesterday and is expected to return only on the 11th. He suggests that 12th instant would be all right though it is Sunday or the 13th instant. I shall be glad to know your convenience.

Meantime I was sorry to see from the papers that you are indisposed. I hope you are recovering and will soon be enjoying normal health. I should like to have a line from you in this behalf also.

With regards,

I remain,

Yours sincerely,


3/12

The Hon'ble Sri M.Bhaktavatsalam,
Minister for Public Works, Government of Madras,
Fort St.George,
Madras.



T/859

6/12/48

'Mohana',
Adyar, Madras.
4th Decr. '48.

My dear Sri Bhashyam,

I am in receipt of your letter dated the 3rd. instant for which I thank you. I am recovering from my illness and hope to be all right in two days.

May I suggest to you to postpone our discussions in Bangalore till after the Congress Session, towards the last week of December, between the 28th and 31st? I would like not to have any engagement till I leave for Delhi on the 14th.

I shall be glad to hear from you.

Yours sincerely,

M. Bhakavatsalam

Hon'ble Sri K.T. Bhashyam,
Minister for Law and Labour,
Govt. of Mysore, Bangalore.

Copy. I am glad he is better & hope he will be quite well soon. One meeting may be fixed for the 30th at Bangalore.

*RSD
6/12*

T/859

Bangalore,
6-12-1948

My dear Sri Bhaktavatsalam,

Your letter of the 4th. Thanks very much for the same. I am glad you are better now and I hope you will be quite well soon.

The meeting will be fixed for ~~the~~ ^{suggested}

~~any day~~ as desired by you and the date of the meeting will be intimated to you.

Thanking you and with kindest

regards,

I remain,

Yours sincerely,

(Sgt.)

[Signature]
16/12

The Hon'ble Sri M. Bhaktavatsalam,

Minister for P.W.D., Govt. of Madras

"Mohana", Adyar, MADRAS.

send

so the happiness

to be New Moon

Day. Further, in

view of the Xmas

holidays, let the

24th + 1st

prevail, it may

perhaps be desirable

to know the convenience

of the Hon'ble

Chief Mr. P.

The Hon'ble Mr.

Senan

Wb

6/12

T 1919

Bangalore,
8-12-1948

My dear Sri Bhaktavatsalam,

I hope you are keeping good health
now and attending to your normal duties.

Our Dewan has agreed to hold the
meeting of the Mekedatu project here on
the 30th instant and I think the Hon'ble
Sri K.C. Reddy, our Chief Minister has no
objection to this. May I know your
convenience?

Thanking you and with regards,
S. Ramani,
Yours sincerely,

dyf.

K.T.R.
8/12

The Hon'ble Sri
M. Bhaktavatsalam,
Minister for P.W.D.,
Govt. of Madras,
"Mohana", Adyar, MADRAS

8/12



C Fort. St. George,
10th December 1948.

No. T 1965
Date

My dear Sri Bhaskar,

I am in receipt of your letter dated the 9th instant for which I thank you. 30th instant will suit me alright for the discussion on the Mekedatu Project. I shall arrive in Bangalore on the 30th morning by the Bangalore Mail along with my Secretary and the Chief Engineer, and I may stay on the 31st too.

I have now recovered from my recent illness.

With sincere regards.

Yours sincerely,

M. Abanambalam

The Hon'ble Sri K.T. Bhaskar,
Minister for Law & Labour,
BANGALORE.

Act + Thank
from Chinnir &
Sewar 1/12

11-12-

8

T 1965

My dear Sri Bhaktavatsalam,

Your letter dated the 10th instant. Many thanks.
We shall meet here on the 30th instant.

Thanking you and glad to note your recovery to
health,

I remain,
Yours sincerely,

Lf.) Sd/- K. S. Krishnam

The Hon'ble

Sri M. Bhaktavatsalam,

Minister for public works,

Govt. of Madras, Port St. George,

MADRAS.



Fort St. George,
21st December 1948.

My dear Sri Bhashyam,

15
wire to him
from Ch. min
P.T.D.
22/12
acc. to my
severan

I have just arrived from Delhi after attending the Congress Session in Jaipur and have seen your letter dated the 18th instant. If you want me in Mysore on the 30th, I shall arrange to be there along with my Chief Engineer. Although Bangalore will be more convenient to me, I do not mind going to Mysore. I shall be there on the 30th and stay on the 31st also and leave on the 1st. Kindly telegraph to me on receipt.

On hearing from you I shall confirm my programme. *I would like to reach Madras by the 1st before noon so as to fulfil my engagement.* While at Mysore, I shall of course be very happy to meet His Highness:

Yours sincerely,

He. Bhakavatsalam

The Hon'ble Sri K.T. Bhashyam,
Minister for Law & Labour,
Government of Mysore,
BANGALORE.

My dear Sri Bhaktavatsalam,

I have your D.O. letter of the 21st instant and ^gthank you for it. I have just today sent you a wire as detailed ^{*}in the margin.

-----) I expect you
YOUR LETTER 21st EXPECTING)
MYSORE 30TH LETTER FOLLOWS.) will arrive in
-----)
Mysore on the 30th. I note that you will be
leaving Madras on the 29th night by train and
will come straight to Mysore on the 30th. I
have asked the Chief Electrical Engineer to meet
you at the Railway Station, Bangalore, on the
30th morning.

I shall of course arrange for your
interview with His Highness.

With regards,

I remain,
Yours sincerely,

(Draft)

The Hon'ble Sri M. Bhaktavatsalam,
Minister for public Works,
Fort St. George,
Madras.

20.12
23/12

1/11/23



Fort St. George,
23rd December 1948.

My dear Sri Bhashyam,

On receipt of your telegram I have fixed up tentatively a programme of tour for myself and I enclose herewith a copy which I think will be alright. I shall according to this programme be halting in Mysore for one full day which I think will be sufficient for our discussions.

I expect to have your letter tomorrow and if there is any need to modify the programme on seeing your letter I shall do so. But I think the programme which I have drafted will be alright. You will kindly arrange for my stay in Mysore along with that of my staff.

Thanking you.

Yours sincerely,

M. Bhaktavatsalam

The Hon'ble Sri K.T. Bhashyam,
Minister for Law & Labour,
Government of Mysore,
BANGALORE.

Wire.

Sri Bhaktavatsalam,
Minister, Fort St. George
Madras.

your letter 23rd. programme

Wire approval programme
+ file
35.70
25/12
Wire sent
as drafted below
25/12/48

allright letter follows.

Bhaskyam.

Subd

For perusal
before comm

~~RSJ~~
vs/n

182
25/12/48

Tour programme of the Hon. Sri M. Bhaktavatsalam,
Minister for Public Works,
Government of Madras.

DECEMBER 1948

29th (Wednesday) 9-00 p.m. Dep: Madras (Central)- Bangalore

30th (Thursday) 7-10 a.m. Arr: Bangalore City Mail

7-40 a.m. Dep: Bangalore (No.2 Mail)

12-15 p.m. Arr: Mysore

(Halt at Mysore)

31st (Friday) 2-45 p.m. Dep: Mysore (No.1 Mail)

7-20 p.m. Arr: Bangalore

9-05 p.m. Dep: Bangalore City - Bangalore Mail

JANUARY 1949

1st (Saturday) 6-10 a.m. Arr: Madras (Central).

Dear Sir,

I am desired to send herewith for your kind information and necessary action a copy of the D.O. letter dated 21st December 1948 from the Hon'ble Sri M. Bhaktavatsalam, Minister for public works, Madras, together with a copy of the Hon'ble the Law Minister's reply thereto.

Yours sincerely,

Subd
For personal
before issue
MS
23/12

MS
23/12
MS.A
24/12

Janab
M. Hayath, B.E., B.S.S.E.,
Chief Electrical Engineer in Mysore,
Bangalore.